LIST

OF

CIVIL OFFICERS

HOLDING

GAZETTED APPOINTMENTS UNDER THE GOVERNMENT OF INDIA,

IN THE

HOME, LEGISLATIVE, FOREIGN, AND REVENUE AND AGRICULTURAL DEPARTMENTS,

GRADATION LIST OF COVENANTED CIVILIANS UNDER THE GOVERNMENT OF INDIA.

Corrected to 1st July 1889.

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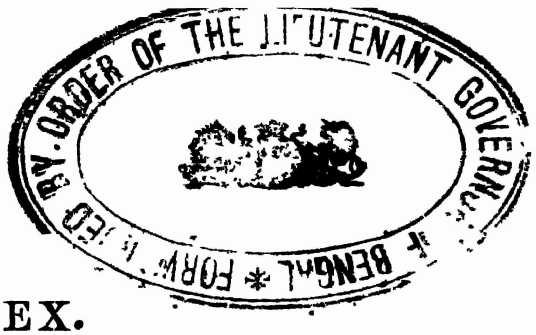

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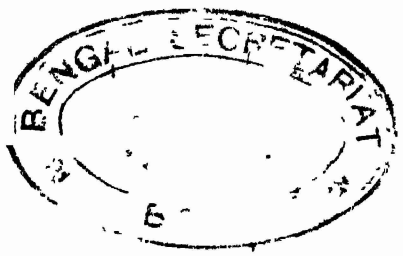

List of Civil Officers holding gazetted appointments under the Government of India in the Home Department, as it stood on the 1st July 1889.

Names.	Appointments.	Salaries and Allowances per mensem.
	SECRETARIAT.	*R* *a.* *p.*
Mr. A. P. MacDonnell, M.A., C.S., C.S.I.	Secretary	4,000 0 0
„ J. P. Hewett, C.S. . .	Under-Secretary	1,300 0 0
„ J. A. Stowell, U.C.S. .	Registrar, Home Dept. . . .	700 0 0
	PUNJAB.	
	Judicial.	
Sir H. M. Plowden, *Barrister-at-Law.*	Judge, Chief Court, Punjab (*on furlough for 3 months from 21st May 1889*).	
Mr. R. T. Burney, C.S., *Barrister-at-Law.*	*Ditto ditto for 1 year from 3rd May 1889*).	3,500 0 0
„ B. H. B. Powell, C.I.E., C.S.	*Ditto ditto (on extraordinary leave without pay for 1 month from 1st May 1889*).	
„ A. C. Roe, B A., C.S. .	*Ditto ditto*	3,500 0 0
„ J. Frizelle, C.S. . .	Additional ditto	2,500+1,000 0 0
„ A. H. Benton, M.A., C.S.,	Ditto ditto	2,250+1,250 0 0
„ H. S. Rivaz, *Barrister-at-Law.*	*Officiating ditto*	3,500 0 0
„ A. W. Stogdon, C.S. .	*Ditto ditto*	2,250+1,250 0 0
Protul Chunder Chatterji, M.A, B.L.	*Ditto ditto*	3,500 0 0
	CENTRAL PROVINCES.	
	Chief Commissioner.	
Mr A. Mackenzie, B.A., C.S., C.S.I.	Chief Commissioner	4,666 10 8
	Secretariat.	
Mr. Lindsay Neill, C.S. . .	Secretary to Chief Commissioner. (*Officiating Commissioner, Jubbulpore Division.*)	2,000+750 0 0
„ A. H. L. Fraser, C.S. .	Junior Secy. and Director of Land Records and Agriculture. (*Offg. Commissioner, Chhattisgarh Division.*)	1,500+916 0 0
„ L. K. Lawrie, C.S. . .	Asstt. Commr. 2nd class, *Offg. Secy. to Chief Commr.*	700+866 0 0
„ A. L. Saunders, C.S. .	Under-Secretary	800 0 0
„ C. E. B. Critchley, U.C S. .	Assistant Secretary	620 0 0*
	Judicial Commissioner.	
Mr. R. J. Crosthwaite, C.S. .	Judicial Commissioner (on deputation)	3,166 10 8
„ F. Venning, C.S. . .	Offg. ditto	

* Pay rises from R500 to R700 per mensem.

Names.	Appointments.	Salaries and Allowances per mensem.
	CENTRAL PROVINCES—*contd.*	*R a. p.*
	Commissioners.	
	4 Commissioners, at R2,750 each.	
1. Mr. A. P. Howell, M.A., C.S.	Commr. (*Nerbudda Division.*)—(*Offg. Resident, Hyderabad.*)	2,500+1,000+1,000
2. „ J. W. Neill, C.S. .	Ditto, Jubbulpore Division. (*On furlough*)	
3. „ F. Venning, C.S. .	Ditto, Nagpur Division. (*Offg.* Judicial Commissioner.)	2,500 +633 0 0
4. „ J. W. Chisholm, U.C.S.	Ditto. (*Chhattisgarh Division.*)—(*On furlough.*)	
	Deputy Commissioners.	
	1st Class, 4 at R1,833-5-4 each per mensem.	
1. Col. M. P. Ricketts, B.S.C. .	(*On furlough.*)	
2. „ C. H. Grace, M.S C. .	Nagpur.	
3. Mr. C. W. McMinn, C.S. .	(*On furlough.*)	
4. Col. H. C. E. Ward, C.I.E., B.S.C.	(*Offg. Commissioner, Nerbudda Division.*)	1,833+750 0 0
	2nd Class, 5 at R1,666-10-8 each per mensem.	
1. Col. A. Bloomfield, B.S.C. .	Narsingpur. (*Offg. Dy. Commr., 1st Class*)	+166 10 8
2. „ H. M. Repton, B.S.C. .	Chhindwara. (*On furlough.*)	
3. „ C. H. Plowden, M.S.C. .	Hoshangabad. (*Offg. 1st Class*) . .	+166 10 8
4. „ H. J. Lugard, M.S.C. .	Damoh.	
5. Mr. H. J. MacGeorge, U.C.S.	Chanda.	
	3rd Class, at R1,333-5-4 each per mensem.	
1. Col. T. H. B. Brooke, M.S C.	(*On furlough.*)	
2. „ J. W. Macdougall, M.S.C.	Nimar. (*Offg. 2nd Class*) . . .	+333 5 4
3. Lieut.-Col. J. A. Temple, B.S.C.	Betul. (*Offg. 2nd Class*) . . .	+333 5 4
4. Col. R. M. B. Thomas, B S.C.	Raipur. (*Offg. 2nd Class*). . .	+333 5 4
5. „ W. S. Brooke, B.S.C.	Saugor.	
	4th Class, 4 at R1,000 each per mensem.	
1. Col. W. Vertue, M.S.C. .	Sambalpur. (*Offg. 3rd Class.*) . .	+266 0 0
2. „ T. A. Scott, B.S.C. .	Wardha. (*Offg. Dy. Commr., 3rd Class.*)	+266 0 0
3. Mr. T. E. Ellison, C.S. .	Chhindwara.	
4. Vacant.		
	Assistant Commissioners.	
	1st Class, 3 at R800 each per mensem.	
1. Col. E. W. C. H. Milller, M.S.C.	(*On furlough.*)	
2. Aulad Husen, Khan Bahadur, C.I.E., U.C.S.	Mandla. (*Settlement Officer, 2nd Grade.*)	+200 0 0
3. Mr. J. P. Goodridge, C.S. .	(*Offg. Commr. of* (*Settlement and Agriculture.*)	
4. In abeyance, owing to appointment of Political Agent, Chhattisgarh Feudatories.		

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	CENTRAL PROVINCES—*contd.*	
	ASST. COMMISSIONERS—*contd.*	
	2nd Class, 6 at ₹700 each per mensem.	
1. Mr. W. A. Nedham, U.C.S. .	Seoni. (*Offg. Depy. Commr., 4th Class.*)	+200 0 0
2. „ S. H. Hennessy, U C.S.	Kamptee. (*Offg. Cantt. Magte*, Kamptee)	+200 0 0
3. „ S. Ismay, *Barrister-at-Law*, C.S.	Jubbulpur. (*Offg Depy. Commr., 4th Class.*)	200+300*
4. „ L. K. Laurie, C.S. .	(*Offg. Secy., Chief Commr.*)	
5. „ L. Gordon, U.C.S. .	(*Furlough*).	
6. „ H. H. Priest, C.S. .	Sambalpur. (*Offg. Commr. of Excise, &c.*)	+333 0 0
	3rd Class, 5 at ₹600 each per mensem.	
1. Mr. F. A. T. Phillips, C.S. .	(*On furlough.*)	
2. „ A. C. Duff, C.S. . .	(*On furlough.*)	
3. „ L. S. Carey, C.S. .	Raipur. (*Settlement Officer, 2nd Grade*)	+400 0 0
4. „ M. W. Fox Strangways, C.S.	Jubbulpur. (*Settlement Officer, 3rd Grade.*)	+200 0 0
5. „ A. L. Saunders, C.S. .	Nagpur. (*Under-Secy. to Chief Commr*)	800+200 0 0
	4th Class, 14.	
1. Mr. A. S. Womack, C S. .	Bhandara (*Offg. Dy. Commr, 4th Class*)	500+333 0 0
2. „ T. C. Wilson, C.S. .	Damoh. (*Offg. Asstt. Commr., 2nd Class, and Settlement Officer, 3rd Grade.*)	500+300
3. Syad Ali Mahomed, N.C.S.	Jubbulpur. (*Offg. Asst. Commr., 2nd Class.*)	320+128
4. Mr. R. H. Craddock, C.S. .	Nagpur. (*Offg. Asstt. Commr., 2nd Class, and Asstt. to Commr. of Settlts. and Agri., C. P.*)	500+300
5. „ H. A. Crump, C.S. .	Jubbulpur. (*Offg. Asst. Commr., 2nd Class*)	500+200
6. „ J. A. C. Skinner, C.S.	Nagpur. (*Offg. Asstt. Commr., 2nd Class, and Registrar, Judl. Commr.'s Court.*)	500+300
7. „ H. V Drake Brockman, C S., L.L.B., B.A.	Saugor. (*Offg. Asstt. Commr., 3rd Class.*)	500+100
8. „ H. M. Lawrie, B.A., *Barrister-at-Law*, C.S.	Nagpur	500+100
9. Shanker Madho Chitnavis, N.C.S.	Hoshangabad. (*Offg. Asst. Commr., 3rd Class*)	320+64
10. Mr. Hugh O'Beirne, C.S. .	Jubbulpur	400 0 0
11. „ C. W. E. Montgomery, C.S.	Hoshangabad	400 0 0

* Personal allowance.

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	CENTRAL PROVINCES—*contd.*	₹ a. p.
	ASSISTANT COMMISSIONERS—*contd.*	
12. Mr. F. G. Sly, C.S. .	Sambalpur	400 0 0
13. „ C. R Cleveland, C S. .	Bilaspur	450 0 0
14. „ E. A. de Brett, C.S. .	Raipur	400 0 0
	EXTRA ASSISTANT COMMISSIONERS.	
	5th Grade, 3 at ₹600 each per mensem.	
1. Mr. F. St. Clair Williams .	Harda.	
2. „ Biresar Dat, Rai Bahadur	Jubbulpur. (*Offg. Judge, S. C. Court, Jubbulpur.*)	
3. Bapu Rao Patwardhan Rao Sahib.	Nagpur. (*Offg. ditto ditto*)	
	4th Grade, 7 at ₹500 each per mensem.	
1. Rai Debi Pershad . .	Bhandara.	
2. Mr. Nobin Chandra Banerji,	Betul.	
3. „ Grish Chandra .	(*On furlough.*)	
4. „ Vasudeo Ballal Kher .	Narsingpur.	
5. „ C. Rangaya . .	(*On privilege leave.*)	
6. „ Bhogchand . .	Saugor.	
7. „ Moreshwar Rao .	Wardha.	
	3rd Grade, 12 at ₹400 each per mensem	
1. Mr. H. E. Stanbrough .	Saugor.	
2. „ Bhargo Rao . .	Raipur.	
3. „ Rambhaji Rao Mahadik	(*On furlough.*)	
4. „ Vittal Rao . .	Jubbulpur.	
5. „ Balkrishna Martand Samarth.	(*On furlough*)	
6. „ Parshotam Das, Rai Bahadur.	Bilaspur. (*Settlement Officer*) . .	+100 0 0
7. „ Ganpat Rao Shrikandi	Mandla.	
8. „ W. N. de'Lange .	Nagpur.	
9. „ P. M. Greany . .	Nimar.	
10. „ K. M Anderson .	Nagpur.	
11. „ Waman Rao . .	Wardha.	
	2nd Grade, 8 at ₹300 each per mensem	
1. Mr. Balwant Rao Manday	(*On leave on medical certificate.*)	
2. „ Hari Gopal Padhye .	(*Offg. Inspector of Schools.*) . .	+133 8 4
3. „ Ghulam Mustaffa .	Chanda.	
4. „ Balwant Rao Gadgil .	Supdt. of the Feudatory State of Kawardha.	
5. „ Mohan Chandra Chatterji.	Damoh.	
6. „ Mehdi Hussen .	Chhindwara	
7. „ Yado Madho Rao .	Hoshangabad.	
8. „ M. B. Tulsing .	Narsingpur.	

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	CENTRAL PROVINCES—*contd.*	R a. p.
	EXTRA ASSISTANT COMMISSIONERS—*contd.*	
	1st Grade, 12 at R250 each per mensem.	
1. Mr. Ganpat Rao Gokle .	(*On foreign service.*)	
2. „ Balaji Bhicaji Pinge .	Raipur. (*Sub. pro tem. 2nd grade.*)	
3. „ Kashinath Kesho Thakur, M.A., L.L.B.	Bilaspur.	
4. „ Trimbak Rao Sathe .	(*On foreign service.*) *On privilage leave.*	
5. „ Dori Lall . .	Asst. Settlement Officer, Hoshangabad.	+50 0 0
6. „ A. Barclay . .	Nimar.	
7. „ Trimbak Rao Nilkant Deshmukh.	Sambalpur.	
8. „ W. G. T. Mulligan, M.A., L.C.E.,	Hoshangabad.	
9. „ Raghonath Rao .	(*On foreign service.*) Sarangarh.	
10. „ Hari Lakshman Indurkar, M.A.	Raipur. (*Sub. pro tem.*)	
11. „ Hurrish Chunder Bose	Jubbulpur. Ditto.	
12. „ Durga Pershad .	Chanda. Ditto.	
13. „ N. Damodar . .	Jubbulpur. Ditto.	
	OFFICIATING EXTRA ASSISTANT COMMISSIONERS.	
1. Mr. Debi Pershad . .	Sambalpur	250 0 0
2. Moulvi Mahomed Hussein	Seoni	250 0 0
3. Mr. Moro Ganesh Khare.	Bilaspur	250 0 0
4. „ Moula Bux . .	Wardha	232 0 0
5. „ Mahomed Khan .	Narsingpur	250 0 0
6. „ Vishnu Daji . .	Balaghat	250 0 0
7. „ Ram Krishna Rao .	(*On foreign service.*)	
8. „ W. Bagley . .	Bhandara	232 0 0
9. „ Sadasheo Rao . .	Wardha	250 0 0
10. „ Balaji Gangadhar .	Nagpur	200 0 0
11. „ Har Prasad . .	Nimar	250 0 0
	JUDICIAL.	
Mr. R. J. Crosthwaite, C.S. .	Judicial Commr. (*On deputation.*)	
„ F. Venning, C.S. .	(*Offg. Judl. Commr.*)	
„ J. A. C. Skinner, C.S. .	Registrar, Judl. Commr.'s Court, Nagpur.	800 0 0
„ F. C. Anderson, C.S. .	Inspector-General of Registration, &c. (*On furlough*)	1,200 0 0
„ H. H. Priest, C.S. . .	(*Offg. Inspector-General of Registration*)	
Col. T. W. Hogg . .	Judge, Small Cause Court, Nagpur. (*Offg. Depy Commr., 3rd Class.*) Mandala.	1,000+266 10 8
Rao Sahib Bapu Rao Patwarahan.	(*Offg. Judge, Small Cause Court.*) Nagpur.	
Mr. D. O. Meiklejohn, C.S. .	Judge, Small Cause Court, . . (*Offg. Depy. Commr., 4th Class.*) Bilaspur.	800+200+200*
„ Rai Bahadur Biresar Dutt	(*Offg. ditto.*) Jubbulpur . .	800 0 0
„ T. Drysdale, U.C.S. .	Cantonment Magistrate. (*Offg. Deputy Commr., 3rd class.*) Balaghat.	1,000+266 10 8
„ S. H. Hennessy . .	(*Offg. ditto.*) Kamptee.	

* Personal allowance.

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
		₹ a. p.
	CENTRAL PROVINCES—*contd.*	
	JUDICIAL—*contd.*	
Colonel H. H. H. Hallett .	Cantonment Magistrate, Jubbulpur .	Allowance ₹250.
Captain J. S. C. Jenkinson .	In charge of Office of Cantonment Magistrate, Saugor.	„ ₹100
Colonel R. Bythell, B.S.C. .	Ditto, ditto, Asirgarh . .	„ ₹50.
	JAILS.	
Col. M. M. Bowie . .	Inspector-General of Jails. (*On deputation.*)	1,800 0 0
Col. H. A. Hammond . .	(*Offg. ditto.*)	
Colonel H. H. H. Hallett .	Supdt., Central Jail, Jubbulpur . .	1,000 0 0
Surgeon T. R. Macdonald .	Ditto, Nagpur . .	800 0 0
	EDUCATION.	
Mr. A. Monro, M.A., B.C.L., *Barrister-at-Law.*	Inspector-General. (*On privilege leave.*)	*1,250 0 0
Mr. G. Thompson, B.A., U.C.S.	Inspector of Schools, 3rd Grade. (*Northern Circle.*) (*Offg. Inspector General*)	1,000+250
Vacant.		
Mr. J. Elliott, U.C.S. . .	Ditto ditto, 4th Grade. *Southern Circle.* (*On special leave.*)	750
„ Hari Gopal Padhya, B.A., U.C.S.	(*Offg. 4th Grade.*) (*Southern Circle*) .	300+133-8-4.
	High School and College, Jubbulpur.	
„ W. Young, U.C.S. . .	Principal, Jubbulpur	650+100 (allowance from Rajkumar School).
„ J. H. Firth, U.C.S. .	Professor of Mathematics, Jubbulpur .	360 0 0
„ Kailas Chunder Datt, U.C.S.	Ditto of Sanskrit, Do. .	230 0 0
„ Jivan Chunder Mookerji, M.A., U.C.S.	Ditto of Physics, Do. .	180 0 0
„ Haridhan Bandhopadhay, M.A., U.C.S.	Professor, Do. .	170 0 0
„ A. P. Mitchell, U.C.S. .	Supdt., Male Normal School, Jubbulpur (*Offg. Inspector of Schools, Northern Circle.*)	300+200
Miss Grace P. Ross, U.C.S. .	Lady Supdt., Female Normal School, Jubbulpur.	175 0 0
	MEDICAL.	
Deputy Surgn.-Genl. John Richards, M.B.	Deputy Surgeon-General . . .	1,800 0 0
Brigade-Surgn. J. F. Barter .	Civil Surgeon, Nagpur (Supdt. Lunatic Asylum, &c.	1,093 2 0+250.
Surgeon-Major P. Cullen, M.D.	Ditto, Nimar (*On spl. leave.*)	1,093 2 0
„ J. B. Gaffney .	Ditto, Saugor . . .	950 0 0+75 jail allow.

* Pay rises from ₹1,250 to ₹1,500.

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	CENTRAL PROVINCES—*contd.*	*R a. p.*
	MEDICAL—*continued.*	
Surgeon-Major B. Evers, M.D.	Civil Surgeon, Raipur . . .	1,050+150 (jail allow.)
„ B. Franklin, M.D.	Ditto, Jubbulpur . . .	1,050+350 (as Supdt. Lunatic Asylum.)
„ D. N. Martin, M.D.	On deputation in Berar . . .	750 0 0
„ Girdharilal Ratanlal Daphtary, M.D.	Civil Surgeon (*On furlough.*)	750 0 0
„ H. K. McKay.	Ditto. Seoni.	750+50* (jail allow.)
Surgeon W. A. Quayle, M.D. .	Ditto, (*leave on medical certificate*).	550 0 0
„ J. L. Poynder .	Ditto, (*On furlough*) . .	550 0 0
„ Cecil Henderson .	Ditto, (*On furlough*) . .	550 0 0
„ D. B. Spencer .	Ditto, Betul	550+50
„ G. M. J. Giles, M.B., F.R.C.S.	Ditto, Hoshangabad.	550+50
„ A. Silcock, M.B. .	Ditto, Bilaspur . . .	550+50
„ W. L. Price, M.B., C.M.	Ditto, Chhindwara.	400+50
„ F. J. Drury, M.B. .	Sambalpur	400+75 jail allow.
„ A. C. Deare . .	Damoh	400+50 do.
„ D. W. Scotland, M.B.	Nimar	400+50 do.
„ E. C. Haie . .	Chanda	400+50 do.
Dr. R. Wilmot . . .	(*On furlough.*)	
Apothecary C. Thipthorpe .	Civil Surgeon (*On privilege leave*)	700 0 0
Senr. Apothy. W. M. Mitchell	Ditto, Narsingpur . .	350+50 jail allow.
Asst. Apothy. E. P. Clements	Ditto, Balaghat . . .	350+50 do.
„ J. Prentie .	Ditto, Bhandara . . .	350+50 do.
„ W. Croyden .	Ditto, Mandla . . .	350+50 do.
„ M. Murphy .	Asst. to Civil Surgeon, Nagpur . .	190+40
	SANITARY.	
Deputy Surgn.-Genl. John Richardson, M.B.	Sanitary Commissioner . . .	1,800 0 0
	ECCLESIASTICAL.	
Revd. W. H. Bray . .	Senior Chaplain, Jubbulpur . .	800 0 0
„ A. G. A. Roberts .	Ditto, Nagpur . . .	800 0 0
„ G. F. W. Gompertz, B.A.	Junior Chaplain, Kamptee. (*On privilege leave.*)	500 0 0
„ G. M. Davis . .	Junior Chaplain, Saugor . . .	500 0 0
	POLICE.	
Col. M. M. Bowie, M S C. .	Inspector-Genl. Offg Comr. Nagpur Dn.	1,800+750
	District Superintendents, 1st Class, 2 at R1,000 each per mensem.	
1. Mr. J. J. Higgins, U.C.S. .	Wardha.	
2. Col. H. Fraser, *M. Cavalry*	(*On furlough*)	
	2nd Class, 2 at R800 each per mensem.	
1. Col. D. MacNeill, M.S.C. .	Saugor. Offg. 1st class . . .	+200+200*
2. Mr. J. C. Duff, U.C.S. .	Narsinghpur	+50 from G. I. P. Rly.

* Personal allowance

Names.	Appointments.	Salaries and Allowances per mensem.
	CENTRAL PROVINCES—*concld.*	*R a. p.*
	POLICE—*contd.*	
	3rd Class, 3 at R700 each per mensem.	
1. Col. H. A. Hammond, M.S.C.	(*Offg. Inspector General of Police*) .	+733 5 4
2. Mr. R. H. Hamilton, U.C.S.	Jubbulpur.	
3. „ A. B. W. Marriott, U.C.S.	Nagpur	(Draws an allowance of R50 from G. I. P. Ry.)
	4th Class, 5 at R600 each per mensem.	
1. Mr. G. J. Noble, U.C.S. .	Wardha. (*Offg. D. S. P., 3rd Class*) .	+100
2. „ F. A. Naylor, U.S.C. .	Sambalpur.	
3. Sirdar Bahadur Ratan Singh, U.C.S.	Raipur.	
4. Mr. F. E. Coles, U.C.S. .	Bhandara.	
5. „ A. H. Morris, U.C.S. .	Betul.	
	5th Class, 6 at R500 each per mensem.	
1. Mr. H. R. Stuart, U.C.S. .	(*On furlough.*)	
2 „ A. C. Hankin, U.C.S. .	(*On furlough.*)	
3. „ R. L. Hennessy, U.C.S.	Balaghat. (*Offg. 4th class*) . .	+100
4. „ D. G. Proby, U.C.S. .	Seoni.	
5. „ H. A. Playfair, U.C.S.	Mandla.	
6. „ H. P. K. Skipton, U.C.S.	Nimar.	
	Assistant District Superintendents, 1st Grade, 2 at R300 each per mensem.	
1. Mr. C. W. McIver, U.S.C. .	Nimar. (*On medical leave*).	+200
2. „ H. Spence, U.C.S. .	Hoshangabad. (*Offg. Dist. Supdt.*) .	300+200
	2nd Grade.	
1. „ C. M. Seagrim, U.C.S.	(*On medical leave*)	250 0 0
2. „ H. Hallett, U.C.S. .	(*Transferred on probation to Burma*) .	250 0 0
3. „ J. G. J. Duff, U.C.S. .	Bilaspur. (*Offg. Dist. Supdt.*) . .	250+200
4. Vacant.		
5. Mr. T. C. Fenton, U.C.S. .	Saugor. *Sub. pro tem* . . .	250 0 0
6. „ W. E. Hankin, U.C.S.	Nimar. (*Offg.*)	200 0 0
7. „ G. W. Gayer, U.C.S. .	Jubbulpur. (*Offg.*)	200 0 0
8. „ J. Hurst, U.C.S. .	B. Divn., Hoshangabad. (*Offg. D. S. P.*)	250+200
9. „ E. Lima, U.C.S. .	Jubbulpur	250 0 0
10. „ Dina Nath, U.C.S. .	Chanda. (*Offg. Dist. Supdt.*) . .	250+200
11. „ Aderjee Shapurjee .	Nagpur	250 0 0
12. „ J. D. McGuire .	Nagpur. (*On special duty*) . .	250+100
13. „ Wali Mahomed Khan, U.C.S.	Saugor. (*Offg.*)	241 0 0
14. „ W. Lane . .	Raipur	241 0 0

Names.	Appointments.	Salaries and Allowances per mensem.			
	BURMA.		*R*	*a.*	*p.*
	Chief Commissioner.				
1. Sir C. H. T. Crosthwaite, B.C.S., K.C.S.I.	Chief Commissioner		6,666	10	8
		Sumptuary allowance	500	0	0
		Total .	7,166	10	8
2. Mr. B. P. Standen, B.C.S. .	Personal Assistant to the Chief Commissioner.		450	0	0
	Secretariat.				
1. Mr. E. S. Symes, B.C.S., C.I.E.	Chief Secretary to the Chief Commissioner. (*Offg. Commissioner, Eastern Division.*)				
2. „ H. T. White, B.C.S. .	Secretary. (*Offg Chief Secretary to the Chief Commissioner.*)		1,500	0	0
		Acting allowance	666	10	8
		Total .	2,166	10	8
3. „ C. G. Bayne, B.C.S. .	Deputy Commissioner, 4th grade. (*Offg. Secretary to the Chief Commissioner.*)		1,200	0	0
		Acting allowance	300	0	0
		Total .	1,500	0	0
4. „ D. H. R. Twomey, B.C.S.	Under-Secretary to the Chief Commissioner.		1,000	0	0
5. „ H. R. H. Coxe, B.C.S. .	Ditto ditto . .		1,000	0	0
6. „ G. C. Kynoch, U.C.S.	Assistant Secretary to the Chief Commissioner.		800	0	0
	Revenue Department.				
1. Mr. F. W. R. Fryer, B.C.S.	Financial Commissioner . . .		3,000	0	0
2. „ C. A. Soppit, U.C.S. .	Secretary to Financial Commissioner .		500	0	0
		Acting allowance	200	0	0
		Total .	700	0	0
			1,300	0	0
	Commissioners.				
1. Mr. G. J. S. Hodgkinson, B.C.S., C.S.I.	Commissioner, Pegu Division . .		2,500	0	0
		Travelling allowance	250	0	0
		Total .	2,750	0	0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.	R a. p.
	BURMA—*contd.*		
	COMMISSIONERS—*contd.*		
2. Col. W. C. Plant, M.S.C.	Commissioner, Tenasserim Division		2,500 0 0
		Travelling allowance	250 0 0
		Total .	2,750 0 0
3. Mr. G. D. Burgess, B.C.S., C.S.I.	*(On furlough for 2 years, from 23rd February 1888).*		
4 „ H. St. G. Tucker, B.C.S.	*(On furlough for 2 years, from 26th April 1889)*		
5. „ W. deC. Ireland, U.C.S.	*(On furlough for 2 years, from 8th January 1888.)*		
6. „ J. J. D. LaTouche, B.C.S.	*(On privilege leave for 3 months, from 3rd April 1889)*		
7. „ D. M. Smeaton, B.C.S.	Commissioner, Central Division . .		2,500 0 0
		Travelling allowance	250 0 0
		Total .	2,750 0 0
8. Col. G. A. Strover, M.S.C.	Commissioner, Northern, Division . .		2,500 0 0
		Travelling allowance	250 0 0
		Total .	2,750 0 0
9. Mr. E. S. Symes, B.C.S., C.I.E.	Commissioner, Eastern Division. *(Offg.)*		2,500 0 0
		Travelling allowance	250 0 0
		Total .	2,750 0 0
	DEPUTY COMMISSIONERS (35).		
	1st Grade, 8 at R1,833-5-4 each per mensem.		
1. Col. W. W. Pemberton, M.S.C.	Amherst and Moulmein Town Districts .		
2. Mr. J. K. Macrae, U.C.S. .	Hanthawaddy District.		
3. Col. W. G. Hughes, M.S.C.	*(On furlough for 1 year 2 months and 18 days, from 9th August 1887.) Extension on medical certificate granted for 92 days. Leave without pay till 12th June 1889, granted pending retirement.*		
4. Colonel H. R. Spearman, B.S.C.	*(Offg. Commr., from 29th February 1888, Irrawaddy Division.)*		1,833 5 4
		Acting allowance	500 0 0
		Travelling allowance	250 0 0
		Total .	2,583 5 4

Names.	Appointments.	Salaries and Allowances per mensem.	₹ a. p.
	BURMA—*contd.*		
	Deputy Commissioners—*contd.*		
	1st Grade, 8 at ₹1,833-5-4 each per mensem—contd.		
5. Mr. H. Buckle, U.C.S.	(*Offg. Commr., Arrakan Division, from 2nd March 1888.*)		1,833 5 4
		Acting allowance	500 0 0
		Travelling allowance	250 0 0
		Total .	2,580 5 4
6. Col. M. Furlong, M.S.C. .	(*On furlough for 18 months, from 30th March 1889.*)		
7. Major J. Butler, B.S.C. .	(*On furlough for 1 year, from 17th March 1889.*)		
8. Mr. C. E. Gladstone, B.C.S.	(*Offg. Commr., Southern Division, from 3rd April 1889.*)		1,833 5 4
		Acting allowance .	500 0 0
		Travelling allowance	250 0 0
		Total .	2,583 5 4
	2nd Grade, 10 at ₹1,666-10-8 each per mensem.		
1. Major C. B. Cooke, M.S.C.	Mandalay. (*Offg. 1st Grade, from 2nd March 1888.*)		1,666 10 8
		Acting allowance	166 10 8
		Total .	1,833 5 4
2. Mr. G. L. Weidemann, B.C.S.	(*On furlough for 8 months, from 15th March 1889.*)		
3. Lieut.-Col. G. Alexander, B.S.C.	Mergui. (*Offg. 1st Grade, from 1st December 1888.*)		1,666 10 8
		Acting allowance .	166 10 8
		Total .	1,833 5 4
4. Mr. C. J. A. Duke, U.C.S.	(*On furlough on medical certificate for 1 year and 10 months, from 6th January 1888.*)		
5. „ W. C. Midwinter, U.C.S.	Toungoo. (*Offg. 1st Grade, from 6th March 1889.*)		1,666 10 8
		Acting allowance .	166 10 8
		Total .	1,833 5 4
6. „ A. R. Birks, B.C.S., (*Barrister-at-Law.*)	Bassein. (*Offg. 1st Grade, from 13th March 1889.*)		1,666 10 8
		Acting allowance .	166 10 8
		Total .	1,833 5 4

Names.	Appointments	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Deputy Commissioners—*contd.*				
	2nd Grade, 10 at R1,666-10-8 each per mensem—contd.				
7. Major C.A. Cresswell, M.S.C.,	Akyab. (*Offg. 1st Grade, from 13th April 1889.*)		1,666	10	8
		Acting allowance .	166	10	8
		Total .	1,833	5	4
8. „ C. H. E. Adamson, M.S.C., C.I.E	(*On furlough for 1 year and 173 days, from 5th June 1888.*)				
9. „ B. A. N. Parrott, M.S.C.	Kyaukse (*Offg. 1st Grade, from 8th April 1889.*)		1,666	10	8
		Acting allowance .	166	10	8
		Total .	1,833	5	4
10. Mr. K. G. Burne, U.C.S. .	Thayetmyo		1,666	10	8
	3rd Grade, 10 at R1,333-5-4 each per mensem.				
1. Major F. D. Raikes, C.I.E., Bo. S.C.	Fort White, on special duty on Chin Frontier. (*Offg. 2nd Grade, from 1st July 1889.*)		1,333	5	4
		Acting allowance .	333	5	4
		Total .	1,666	10	8
2. Mr. F. S. Copleston, B.C.S.	Myingyin. *Offg. 2nd Grade, from 25th February 1889.*)		1,333	5	4
		Acting allowance .	333	5	4
		Total .	1,666	10	8
3. „ A. R. Colquhoun, U.C.S.	Ruby Mines. (*Offg. 2nd Grade, from 1st December 1888.*)		1,333	5	4
		Acting allowance .	333	5	4
		Total .	1,666	10	8
4. Major W. F. H. Grey, B.C.S.	Prome. (*Offg. 2nd Grade, from 1st December 1888.*)		1,333	5	4
		Acting allowance .	333	5	4
		Total .	1,666	10	8
5. „ F. M. Jenkins, M.C.S.	Tavoy. (*Offg. 2nd Grade, from 20th December 1888.*)		1,333	5	4
		Acting allowance .	333	5	4
		Total .	1,666	10	8

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM	
	BURMA—*contd.*		*R a. p.*
	DEPUTY COMMISSIONERS—*contd.*		
	3rd Grade, 10 at R1,333-5-4 each per mensem—contd.		
6. Mr. D. Norton, B C.S. .	Rangoon. (*Offg. 2nd Grade, from 1st December 1888*)		1,333 5 4
		Acting allowance .	333 5 4
		Total .	1,666 10 8
7. „ J. E. Bridges, B C.S. .	(*On furlough for 2 years, from 20th April 1888*)		
8. „ A. M. B. Irwin, B.C.S.	Pegu. (*Offg. 2nd Grade, from 6th March 1889.*)		1,333 5 4
		Acting allowance .	333 5 4
		Total .	1,666 10 8
9. „ H. Adamson, M.A., B.C.S.	Lower Chindwin. (*Offg. 2nd Grade, from 13th March 1889.*)		1,333 5 4
		Acting allowance .	333 5 4
		Total .	1,666 10 8
10. „ D. J. A. Campbell, B.C.S.	(*On furlough for 2 years, from 4th November 1888.*)		
	4th Grade, 8 at R1,200 each per mensem.		
1. „ H. G. Batten, U.C.S. .	(*On furlough for 2, years, from 11th November 1887.*)		
2. Major G. S. Eyre, . .	(*On furlough on Medical Certificate for 1 year, from 3rd March 1889.*)		
3. „ R. C. Temple, B.S.C.	Seconded Cantonment Magistrate, Mandalay		
4. Mr. R. A. Lamb, BO. C.S. .	Sagaing. (*Offg. 2nd Grade, from 3rd April 1889.*)		1,200 0 0
		Acting allowance .	333 5 4
		Total .	1,533 5 4
5 Mr. G. W. Shaw, B.C.S. .	Bhamo. (*Offg. 2nd Grade, from 8th April 1889*).		1,200 0 0
		Acting allowance .	333 5 4
		Total .	1,533 5 4
6. „ H. L. Eales, B.S.C. .	(*On furlough for 1 year and 6 months, from 17th February 1888.*)		
7. „ C. G. Bryne, B.C.S. .	*Offg. Secretary to the Chief Commissioner, from 1st August 1888.*		1,200 0 0
		Acting allowance .	300 0 0
		Total .	1,500 0 0

Names.	Appointments.	Salaries and Allowances per mensem.	
	BURMA—*contd.*		*R a. p.*
	Deputy Commissioners—*concld.*		
	4th Grade, 8 at R1,200 each per mensem—concld.		
8. Mr. W. T. Morison, BO. C.S.	Shwebo. (*Offg. 3rd Grade, from 14th June 1889.*		1,200 0 0
		Acting allowance .	133 5 4
		Total .	1,333 5 4
	Assistant Commissioners.		
	1st Grade, 8 at R1,000 each per mensem.		
1. Mr. T. C. Mitchell, B.C.S.	Bassein		1,000 0 0
2. „ D. L. M. Mackay, B.C.S	Rangoon, Assistant Commissioner and Cantonment Magistrate . .		1,000 0 0
		Allowance .	100 0 0
		Total .	1,100 0 0
3. „ F. C. Gates, B.C.S. .	Katha. (*Offg. Deputy Commissioner, 3rd Grade, from 10th December 1888.*)		1,000 0 0
		Acting allowance .	266 10 8
			1,266 10 8
4. „ W. G. L. Rice, B.C.S. .	Magwe. (*Offg. Deputy Commissioner, 3rd Grade, from 1st December 1888.*)		1,000 0 0
		Acting allowance .	266 10 8
			1,266 10 8
5. „ A. E. Hurry, B.A., B.C.S.	Upper Chindwin. (*Offg. Deputy Commissioner, 3rd Grade, from 1st December 1888.*)		1,000 0 0
		Acting allowance .	266 10 8
		Total .	1,266 10 8
6. „ A. S. Fleming, B.C.S.	Sandoway. (*Offg. Deputy Commissioner, 3rd Grade, from 10th January 1889.*		1,000 0 0
		Acting allowance .	266 10 8
		Total .	1,266 10 8
7. „ H. P. Todd Naylor, B.C.S.	Tharrawaddy. (*Offg. Deputy Commissioner, 3rd Grade, from 1st December 1888.*)		1,000 0 0
		Acting allowance .	266 10 8
		Total .	1,266 10 8
8. „ H. S. Hartnoll, B.C.S.	Minbu. (*Offg. Deputy Commissioner, 3rd Grade, from 6th March 1889.*)		1,000 0 0
		Acting allowance .	266 10 8
		Total .	1,266 10 8

Names.	Appointments	Salaries and Allowances per mensem.	R a p.
	BURMA—*contd.*		
	Assistant Commissioners—*contd.*		
	2nd Grade, 10 at R700 each per mensem		
1. Mr. A. T. A. Shaw, B C.S. .	Kyaukpyu. (*Offg Deputy Commissioner, 3rd Grade, from 18th March 1889.*)		700 0 0
		Acting allowance .	422 3 6
		Total .	1,122 3 6
2. „ N. G. Cholmeley, B A, B C.S.	Yaméthin. (*Offg. Deputy Commissioner, 3rd Grade, from 10th March 1889*)		700 0 0
		Acting allowance .	422 3 6
		Total .	1,122 3 6
3. „ W. N. Porter, U.C.S. .	Pyinmana. (*Offg Deputy Commissioner, 3rd Grade, from 3rd April 1889.*)		700 0 0
		Acting allowance .	422 3 6
		Total .	1,122 3 6
4. „ G. M. S. Carter, U.C.S.	(*On furlough for 18 months, from 17th October 1888.*)		
5. „ B. K. S. McDermott, U.C.S.	(*On furlough for 1 year, from 14th June 1889*)*		
6. „ S. H. T. de la Courneuve, U.C.S.	(*On furlough for 1 year and 8 months, from 28th May 1889.*)*		
7. Lieut. C. S. de B. Martindale, B.S.C.	(*Offg. 1st Grade, from 10th December 1888, on privilege leave for 3 months, from 27th May 1889.*)		
8. Capt. T. G. Johnson, B.S.C.	Maubin. (*Offg. Deputy Commissioner, 4th Grade, from 10th December 1888.*		700 0 0
		Acting allowance .	333 5 4
		Total .	1,033 5 4
9. Mr. B. Houghton, M.C S. .	Yeu. (*Offg. Deputy Commissioner, 4th Grade, from 18th October 1888.*		700 0 0
		Acting allowance .	333 5 4
		Total .	1,033 5 4
10. „ A. F. Pinhey, M.C.S. .	Kyaikto. (*Offg. 1st Grade, from 15th December 1888.*)		700 0 0
		Acting allowance .	200 0 0
		Total .	900 0 0
	3rd Grade, 8 at R600 a month.		
1. Mr. A. L. Hough, U.C.S. .	Henzada. (*Offg. Deputy Commissioner, 4th Grade, from 8th April 1889.*)		600 0 0
		Acting allowance .	240 0 0
			840 0 0

* Date of commencement of subsidiary leave.

Names	Appointments.	Salaries and Allowances per mensem.	R a. p.
	BURMA—*contd.*		
	Assistant Commissioners—*contd.*		
	3rd Grade, 8 at R600 each per mensem—contd.		
2. Lieut. F. D. Maxwell, M.S.C.	Shwegyin. (*Offg. Deputy Commissioner, 4th Grade, from 19th December 1888.*)		600 0 0
		Acting allowance .	400 0 0
		Total .	1,000 0 0
3. Mr. W. H. A. St. John Leeds, B.C.S. . .	Moulmein (*Offg 1st Grade, from 1st December 1888.*)		600 0 0
		Acting allowance .	266 0 0
		Total .	866 0 0
4. „ D. Wilson, M A., B.C.S	Thaton (*Offg. 1st Grade, from 1st December 1888.*)		600 0 0
		Acting allowance .	266 10 8
		Total .	866 10 8
5. „ S. St. J. Westlake, BO C.S.	Yamethin. (*Offg. 1st Grade, from 18th March 1889.*)		600 0 0
		Acting allowance .	266 10 8
		Total .	866 10 8
6. „ A. Thomson, B.C.S.	*On leave on medical certificate for 1 year and 6 months, from 26th April 1888*)		
7. „ Maung Ba Tu, U.C.S. K.S.M.	Henzada		384 0 0
		Personal allowance .	16 0 0
		Total .	400 0 0
8. Lieut. L. E. Elliott, B.S.C.	*En route* to Bhamo. (*Offg 1st Grade, from 8th April 1889*)		600 0 0
		Acting allowance .	266 10 8
		Total .	866 10 8
	4th Grade, 32 at R450 to R500 each per mensem.		
1. Lieut J. J. Cronin, B.S.C.	*On furlough on Medical Certificate for 1 year, from 16th May 1889.*		
2. „ W. A. W. de Strickland, B.S C.	Paungdé (*Offg. 1st Grade, from 4th June 1889.*)		500 0 0
		Acting allowance .	333 5 4
		Total .	833 5 4

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.	R	a.	p.
	BURMA—*contd.*				
	ASSISTANT COMMISSIONERS—*concld.*				
	4th Grade, at R450 to R500 each per mensem—contd.				
3. Lieut. W. C. Perkins, B.S.C.	Pakôkku (*Offg. Deputy Commissioner,) 4th Grade, as a temporary measure*) .		450	0	0
		Acting allowance .	500	0	0
		Total .	950	0	0
4. „ H. A. Browning, B.S.C.	*En route* to Mogôk. (*Offg Deputy Commissioner, 4th Grade, from 25th March 1889.*)		500	0	0
		Acting allowance .	466	10	8
		Total .	966	10	8
5. Mr. E. C. S. George, B.C.S.	Mandalay. (*Offg. 2nd grade, from 4th June 1889.*)		500	0	0
		Acting allowance .	200	0	0
		Total .	700	0	0
6. „ H. L. Tilly, U.C.S.	(*On furlough for 1 year and 3 months, from 22nd May 1888.*)				
7. „ J. S. D. Fraser, U.C.S.	Allanmyo. (*Offg. 2nd Grade, from 1st January 1889.*).		500	0	0
		Acting allowance .	200	0	0
		Total .	700	0	0
8. „ G. G. Collins, U.C.S.	Salin. (*Offg. 2nd Grade, from 8th December 1888*)		500	0	0
		Acting allowance .	200	0	0
		Total .	700	0	0
9. „ H. M. S. Matthews, U.C.S.	Settlement, Officers, 2nd Grade. (*On privilege leave for 3 months, from 16th June 1889.*)				
10. „ R. C. Stevenson, U.C.S.	(*On furlough for 2 years, from 3rd April 1889.*)				
11. „ C. A. Soppitt, U.C.S.	Secretary to the Financial Commissioner. (*Offg. 2nd Grade, from 1st December 1888.*)		500	0	0
		Acting allowance .	200	0	0
		Total .	700	0	0
12. Lieut. W. Ayerst, Bo. S.C.	Thayetmyo, Assistant Commissioner, Cantonment Magistrate and Small Cause Court Judge.		450	0	0
		Local allowance .	100	0	0
		Total .	550	0	0

Names	Appointments	Salaries and Allowances per mensem			
	BURMA—*contd*				
	Assistant Commissioners—*contd*				
	4th Grade, at ₹450 to ₹500 each per mensem—concld		₹	*a.*	*p.*
13 Lieut. A. B. Pritchard, B.S C.	(*On furlough on Medical Certificate for 1 year, from 4th September 1888*)				
14 Mr. J M T George, B C S.	Pyuntaza		450	0	0
15. „ C C. Lowis, B C S	Paungbyin		450	0	0
16. „ H G W. Herron, B C S	Pyinmana		450	0	0
17 Lieut F H Elliott, B.S.C	Myinmu		450	0	0
18. „ H N. Waide, B S.C	*En route* to Paugdaungku Ye-u . .		500	0	0
19 Mr B. S. Carey, U C.S .	Meiktila (*Offg Deputy Commissioner, 4th Grade, from 7th February 1889*)		500	0	0
		Acting allowance.	466	10	8
		Total .	966	10	8
20 „ D. Ross, U.C S .	Gangaw. (*On Special Duty Offg 2nd Grade, from 18th March 1889.*)		500	0	0
		Acting allowance	200	0	0
		Special allowance.	140	0	0
		Total .	840	0	0
21 „ W H Dawson, B C S	Rangoon (*On Special duty*) . .		450	0	0
22. „ B P. Standen, B C S	Personal Assistant to the Chief Commissioner.		450	0	0
23. „ R. C M. Symns, B S C.	Welaung Myingyan		450	0	0
24. Lieut. A. Wilson, BO. S.C .	Kyaukse		450	0	0
25. Mr. J. N. O 'Thurston U C S.	(*On leave on medical certificate for 1 year, from 3rd March 1889*)				
26. Lieut G. E T Green, M.S C.	(*Offg. 2nd Grade, from 23rd March 1889 On privilege leave for 3 months, from 23rd April 1889*)				
27. Mr. G. H. Barnard, U.C S	Fort Stedman (*On probation. Offg. Assistant Superintendent of the Shan States, from 9th April 1889.*)		475	0	0
		Acting allowance .	283	5	4
		Total .	758	5	4
28. Lieut. E. C. Townsend, B.S C.	(*On probation.*) Taungdwingyi . .		450	0	0
29. „ D. J C Macnabb, B.S C.	(*On probation*). On special duty in the Pakôkku and Lower Chindwin Districts		450	0	0
30. Mr C. E Daniell, U.C.S.	(*On probation*) *en route* to Mogaung .		450	0	0
31. „ S Bere, U.C S .	(*On probation*) Tegyaing. . . .		450	0	0
32. „ T. J Metcalfe, U C.S.	(*On probation*) Ava. . . .		450	0	0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	BURMA—*contd.*	R a. p.
	EXTRA ASSISTANT COMMISSIONERS.	
	1st Grade, at R800 each per mensem.	
1. Vacant.		
2. Vacant.		
	2nd Grade, at R700 each per mensem.	
1. Maung Thadowe, A.T.M.	Akyab.	
	3rd Grade, 6 at R600 each per mensem.	
1. Maung Taing	Toungoo, Oktwin.	
2. Mr. P. H. Martyr	(*On furlough for 2 years, from 11th April 1888*)	
3. Maung Gyi (1)	Amherst, Apaung.	
4. Maung Po (1), K.S.M.	Hanthawaddy, Insein. (Sub-divisional Officer.)	
	4th Grade, at R500 each per mensem.	
1. Mr. J. E. Moultrie	Bassein, Ngathainggyaung. Sub-divisional Officer.	
2. „ G. E. Godber	*En route* to Madaya, Sub-divisional Officer.	
3. Maung San Hla Baw	Akyab.	
4. „ Po (2)	Toungoo, Yedashé.	
5. Mr J. C. Clancey	Pegu. (*Supdt. of Land Records.*)	
6. Maung Shwe Waing (1), A.T.M.	Rangoon, Akunwun.	
7. „ Hmè, K.S.M.	Prome, Shwedaung, Sub-divisional Officer.	
8. „ Gale, K.S.M.	Tavoy.	
9. „ Shwe Ku	Prome, Thégon.	
10. „ Shwe Go	Shwegyin.	
11. Mr. F. Ripley	Shwebo, Tantabin, Sub-divisional Officer.	
	5th Grade, at R400 each per mensem.	
1. Maung Pu (1)	Mandalay, Akunwun.	
2. Mr. C. W. J. Ford	Bassein. (*Supdt. of Land Records.*)	
3. Maung Po Han (1)	Pegu, Hlègu.	
4. „ Pet	Tavoy, Thayetchaung.	
5. „ Myat Pu, A.T.M.	Tharrawaddy, Akunwun.	
6. „ Mra U	Akyab, Akunwun.	
7. „ Shwe On	Tavoy, Akunwun.	
8. Mr. G. E Warde-Jones	Pegu. Sub-divisional Officer.	
9. Maung San Wa	Toungoo.	
10. „ An	Bassein.	
11. Mr. J. P. Carey	Mandalay.	
12. „ H. F. P. Hall	Kalemyo. (*On special duty*)	
13. Maung Tun Aung (1)	Tharrawaddy Zigôn Sub-divisional officer.	
14. „ Saw Hla Pru	Kyaukse Myitha, Sub-divisional officer.	
15. Mr. F. D. Broad	(*On probation.*) (*On leave on medical certificate for 15 months, from 2nd June 1888.*)	
16. „ R. A. Gibson	(*On probation.*) Mandalay.	

Names.	Appointments.	Salaries and Allowances per mensem.
		R a. p.
	BURMA—*contd.*	
	Extra Asst. Commrs.—*contd.*	
	6th Grade, at R300 per mensem.	
1. Maung Ponnaka, K S M.	Kyaukse, Akunwundauk.	
2. „ Tok Gyi (1)	Pegu Kyauktan, Sub-divisional Officer.	
3. „ San Ya (1)	Amherst, Zathabyin.	
4. „ Ogh	Bassein, Myaungmya, Sub-divisional Officer.	
5. „ Pyi	Kyanksé, Akunwun,	
6. „ Pe (1)	Thongwa, Pantanaw, Sub-divisional Officer.	
7 „ Tha No	Thôngwa, Yandoon, Sub-divisional Officer.	
8. „ Tet Kaing	Henzada, Myanaung, Sub-divisional Officer.	
9. „ Shwe Pé (1)	(*On furlough for one year, from 22nd December 1888.*)	
10. Mr. J. L. Lang	Amherst, Moulmein, Sub-divisional Officer.	
11. „ W. F. Noyce	Rangoon; Collector of Income-tax.	
12. „ W. A. Hertz	Minbu, Pyilôngyaw, Sub-divisional Officer.	
13. „ E P. Cloney	Bassein.	
14. „ A. E. Rawlings	(*On privilege leave for 3 months, from 1st July 1889.*)	
15. „ E. Fowle	*En route* to Kowlin. Sub-divisional Officer.	
16. „ N. K. Fraser	Myingyan, Pagan.	
17. „ R. Moore	Magwe Yenangyaung, Sub-divisional Officer.	
18. „ R. Beale	Magwe Taungdwingyi. (*On probation.*)	
19. „ A. E. T. Sarfas	Akyab. (*On probation.*)	
20. „ A. B. Savage	Shwebo, Sub-divisional Officer. (*On probation.*)	
21. „ A. C. Beale	Yamethin, Pyawbwé. (*On probation.*)	
22. Maung Aung Min	Shwebo, Sheinmaga, Sub-divisional Officer. (*On probation*)	
23. „ Shwe Bu	Prome. Sub-divisional Officer. (*On probation.*)	
24. „ Myat Tun Aung, T.D M.	Upper Chindwin, Kindat. Sub-divisional Officer. (*On probation*)	
25. „ Shwe Gyôk	Prome, Superintendent of Land Records. (*On probation.*)	
26. „ Ket, K.S.M.	(*On probation.*) (*On leave on medical certificate for 6 months, from 10th February 1889.*)	
27. Mr G. C. B. Stirling	Shan States, Fort Stedman. (*On probation.*)	
28. Maung Myat Kyi	Akyab, Honorary.	
	Myoôks.	
	1st Grade, at R250 each per mensem.	
1. Maung Tet To	Myingyan.	
2. „ Tha Nyo	Amherst, Pagat.	
3. „ Myat Min	Amherst, Ye.	

Names.	Appointments.	Salaries and Allowances per mensem.
		R a. p.
	BURMA—*contd.*	
	Myoôks—*contd.*	
	1st Grade, at R250 each per mensem—contd.	
4. Maung Pe (2) . .	Toungoo, Akunwun.	
5. „ Shwe Hnya .	Kyaukpyu, Myebôn.	
6. „ Shwe Zin (1) . .	Merguì, Akunwun.	
7. Mr. A. W. Buchanan .	Shwebo, Chanky-wa.	
8. Maung Mra Tha Dun .	Akyab, Kyauktaw.	
9. Mr. R. A. Mâck . .	Bhamo.	
10. Maung Shwe Hman . .	Kyaukpyu, Ramree. Sub-divisional Officer.	
11. „ Sin . . .	Amherst, Mudôn.	
12. „ Pu (2)	Prome.	
13. „ Pyat . . .	Henzada.	
14. „ Hlwa . . .	Ava.	
15. Mr. W. B. Tydd .	Pakôkku Pauk Sub-divisional Officer.	
16. Maung Pan Byu .	Yeu Mayagan.	
17. „ Shwe Po . .	Amherst, Moulmein.	
18. „ Shwe Bwin . .	Tharrawaddy. Sub-divisional Officer.	
19. „ Kin (1) . .	Pyinmana. Sub-divisional Officer.	
20. „ San Pe . .	Pakôkku. Sub-divisional Officer.	
21. „ Aung Zan . .	Yeu Taze. Sub-divisional Officer.	
22. Mr. R. J. S. Kenny .	Bhamo, Shwegu. Sub-divisional Officer.	
23. Maung Pe (3). . .	Rangoon.	
24. „ San Ya (2) . .	Amherst, Wagaru.	
25. Mr. C. H. Duffin . .	Upper Chindwin, Kindat. (*On probation.*)	
	2nd Grade, 40 at R200 each per mensem.	
1. Maung Ba Gyaw . .	Pegu, Pagandaung.	
2. „ Shwe O . .	Amherst, Ngabyema.	
3. „ Lugyi (1) . .	Hanthawaddy, Hlaing.	
4. „ Tu (1) . .	Amherst, Balugyun.	
5. „ Lugyi (2) . .	Bassein, Kyônpyaw.	
6. „ Pe (4), A.T.M. .	Katha, Tigyaing.	
7. „ Shaung . .	Hanthawaddy, Rangoon, Akunwun	Personal allowance R50.
8. „ Aung Baw . .	Myingyan.	
9. „ Ôn Gaing (1) .	Prome, Thegôn.	
10. „ Shwe Gaung .	Mandalay.	
11. „ Maung (1) . .	(*On leave on medical certificate for 1 year and 6 months, from 3rd January 1888.*)	
12. „ Mo (1) . .	Pegu, Kyauktan.	
13. „ Po Thein (1) .	Mandalay.	
14. „ Po Tôk (1) . .	Lower Chindwin, Kani.	
15. „ Po O (1) . .	Thayetmyo, Yataung.	
16. „ Po Ni . . .	Mandalay.	
17. „ Tha Kin . .	Hanthawaddy, Tunte.	
18. „ Thè . .	Prome, Tanbauk.	
19. „ San Do Aung .	Akyab. Myohaung. Sub-divisional Officer.	
20. „ Lu Tha, K.S.M. .	Pakôkku, Pakangyi.	
21. „ Ngwe Kaing .	Moulmein. Assistant Magistrate and Akunwun.	
22. „ Tun Nyein . .	Rangoon. Assistant Government Translator.	

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	Names.	Appointments.	Salaries and Allowances per mensem
			R a. p.
		BURMA—*contd.*	
		Myoôks—*contd.*	
		2nd Grade, 40 at R200 each per mensem—contd.	
23.	Mr. F. C. Nisbet	Thayetmyo Linge. Sub-divisional Officer.	
24.	Maung Tun, K.S M.	Shwebo.	
25.	Mr. W. Calogreedy	Meiktila, Wundwin. Sub-divisional Officer.	
26.	Maung Tha Din	Thôngwa, Pyapon. Sub-divisional Officer.	
27.	Mr. H. Moore-Lyons	Rangoon. Seconded.	
28.	„ W. Graham	Prome.	
29	Maung Hla Paw Zan	Pegu, Akunwun.	
30.	„ Yè Byu	Basscin, Ngaputaw.	
31.	„ Ka	Mandalay Amarapura. Sub-divisional Officer.	
32.	„ Shwe Da	Myadaung, Kawlin.	
33.	Mr. R. R. T. Wall	Kyauksè. Sub-divisional Officer.	
34.	Maung Po Kin (1)	Thayetmyo, Akunwun.	
35.	„ Aung Ban	Akyab, Maungdaw.	
36.	Mr. J. Macnamara	Shwebo. Treasury Officer.	
37.	„ H. J. Brown	Yeu Treasury Officer.	
38.	„ C. B Mealin	Shwebo, Malé. (*On probation*)	
39.	„ C. St. C. Lightfoot	Myingyan, Natogyi. (*On probation.*)	
40.	„ A. Symington	Bhamo, Mogaung. (*On probation.*)	
41.	„ E. G. Bear	Tavoy. (*On probation.*)	
		3rd Grade, 50 at R175 each per mensem.	
1.	Maung Yan Shin	Papun.	
2.	„ Tha Dun U (1)	(*On leave on medical certificate for 2 months, from 23rd May 1889.*)	
3.	„ Shwe Gyè	Mergui, Palaw.	
4.	Mr. J. H. Anderson	Katha. Treasury Officer.	
5.	Maung Myat U	Leiktho.	
6.	„ Tun Lwin	Sagaing, Akunwun.	
7.	„ Po An	Meiktila, Akunwun.	
8.	Mr. P. M. Flannery	Sagaing, Chaungu.	
9.	Maung Joachim	Kenzada, Zalun.	
10.	„ Po Thaik	Mergui.	
11.	Mr. J. A. Barry	Lower Chindwin, Mônywa.	
12.	Maung Chin Hlaw	Sandoway, Taungup.	
13.	Mr. J. F. Pereira	Henzada.	
14.	Maung Tha Bwin	Akyab, Rathedaung.	
15.	„ Nyo	Shwegyin, Akunwun.	
16.	„ Dwe	Thôngwa, Danubyn.	
17.	„ Pe Gyi	Shwegyin, Thayèthamein.	
18.	„ San Da Lôk	Sandoway, Akunwun.	
19.	„ Kan Tha	Prome, Shwele.	
20.	Mr. E. S. Skinner	Meiktila.	
21.	Maung Shwe Zin (2)	Shwegyin, Bilin.	
22.	Mr. H. McDonald	(*On privilege leave for 3 months, from 8th June 1889.*)	
23.	Maung Aung Gyi, K.S M.	Yeu, Nabetkyi.	
24.	„ Kyaw Zaw, T.D.M.	Myingyan, Sale.	

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
		R a. p.
	BURMA—*contd.*	
	MYOÔKS—*contd.*	
	3rd Grade, 50 at R175 each per mensem—contd.	
25. Maung Po Sa	Yamethin. In charge Opium station in addition to other duties.	
26. „ Cho	Pakôkku, Gangow.	
27. Mr. C. E. Browne	Upper Chindwin, Mingin. Sub-divisional Officer.	
28. Maung Hla Bu	Pegu.	
29. Mr. C. W. D'Arcy Porter	Katha. Sub-divisional Officer.	
30. Maung Po Ka, T.D.M. (1)	(*On privilege leave for 3 months, from 25th May 1889.*)	
31. „ Po (3)	Tharrawaddy, Gyobingank.	
32. „ Paw Tun	Tharrawaddy, Minhla.	
33. „ Po Ka (2)	Tharrawaddy, Sanywe.	
34. „ Ba (1)	Bassein, Akunwun.	
35. „ Thaw	Prome, Padaung.	
36. „ Ta Po	Hanthawaddy, Kungyangôn.	
37. „ Byaung	Sandoway, Gwa.	
38. „ Kaung Baw	Bassein, Thabaung.	
39. „ Pe (5)	Thongwa. Maubin. Sub-divisional Officer	
40. Mr. D. L. Richardson	Minbu.	
41. Maung Aung Hla	Bassein, Lemyethna.	
42. „ Hla Baw	Bassein, Yegyi.	
43. „ Ko	Bassein, Labutta.	
44. „ Shwe Paw U	Sandoway.	
45. Mr. H. W. Godber	Tharrawaddy, Tapun.	
46. Maung Mo (2)	Shwegyin, Kyaukkyi.	
47. Mahomed Ebrahim	Yeu, Akunwun.	
48 Mr. H. J. Inman	Myingyan. (*On probation.*) Treasury Officer.	
49. „ F. H. Giles	Henzada, (*On probation.*)	
50. Maung Myat Nyein	Mandalay (*Sub. pro tem.*) Assistant Settlement Officer.	
	4th Grade, 110 at R150 each per mensem.	
1. Maung Po Maung	Thongwa, Wakamè.	
2. „ Kutti	Katha, Mawteik.	
3. „ Kye	Yamethin.	
4. „ So	Amherst, Hlaingbwè.	
5. „ Pe (4)	(*On special duty. Interpreter to the ex-King Thebaw of Burma at Ratnagiri.*)	
6. „ Po Bye	Henzada. (*Supdt of Land Records.*)	
7. „ Wa	Upper Chindwin, Paungbyin.	
8. „ Pe (6)	Upper Chindwin. (*On special duty.*)	
9. „ Sein	Hanthawaddy, Hmawbi.	
10. „ Po Byu	Rangoon. (*On special duty in the Secretariat.*)	
11. „ Po Hla (1)	Toungoo, Bônmadi.	
12. „ Shwe Kyu	Mergui, Tenasserim.	
13. „ Gyi (2)	Henzada, Mataungda.	
14. „ San On	Mandalay, Madaya.	

Names.	Appointments.	Salaries and Allowances per mensem.
	BURMA—*contd.*	*R a. p.*
	Myoôks—*contd.*	
	4th Grade, 112 at R150 each per mensem—concld.	
15 Maung Tha Do Pru	Akyab. *Supdt. of Land Records.*	
16. „ Mya (1)	Myingyan, Pagan.	
17. „ San U	Pakôkku, Akunwun.	
18. „ Po Gywet	Pegu, Payagalo.	
19. „ Shwe Waing (2)	Thongwa, Pyapôn.	
20. „ Ne Dun	Thayetmyo, Sinbaungwe.	
21. „ Tha Dun Aung	Tharrawaddy, Monyo.	
22. „ Po Thaung	Rangoon. (*Interpreter to the Chief Commissioner.*)	
23. „ Yin Ma	Pakôkku, Laungshè.	
24. „ Tun Ye	Meiktila, Hlaingdet.	
25. „ Po Myit	Akyab, Pauktaw.	
26. „ Kyaw Gaing	Ruby Mines, Mogôk. Sub-divisional and Treasury Officer.	
27. „ Tun Hla (1)	Upper Chindwin, Tamu. Sub-divisional Officer.	
28. „ Po Thin	Thôngwa, Maubin, Akunwun.	
29. Mr. M. P. Southey	Toungoo, Kyathaungdaung.	
30. Maung Ôn Gaing (2)	Myingyan, Akunwun.	
31. „ Lat (1)	Pyinmana, Cla.	
32. „ Tha Gyaw	Kyaukpyu, Cheduba.	
33. Mr. F. S. Colbeck	Mandalay. Maymyo. Sub-divisional Officer.	
34. Maung Yo	Thôngwa, Maubin, Inkunwun.	
35. „ Pu (3)	Minbu. (*On special duty.*)	
46. „ Ba Gyi	Thayetmyo, Minhla.	
37. „ Hmo (1)	Tavoy, Nabulé.	
38. „ Po Thein (2)	Yen, Kunôn.	
39. „ Kyi (1)	Bhamo, Sinkin.	
40. „ Po Swe	Myingyan, Kyaukpadaung	
41. „ Me	Kyaukpyu, An.	
42. „ Ôn Pe	Rangoon. *Assistant Translator to Government.*	
43. „ Aung Ko	Thayetmyo, Kama.	
44. „ Tin Gyaw	Henzada, Kanaung.	
45. Mr. F. W. Martin	Sagaing.	
46. Maung Po Hla (2)	Yeu.	
47. „ Po Thein (3)	Katha.	
48. „ Kan Hein	(*Under suspension.*)	
59. „ Chit Hla U	Kyaukpyu.	
50. „ Mra Tha U	Kyaukpyu, Ramree.	
51. „ Tha Byaw	Kyaukpyu, Akunwun.	
52. „ Lun Maung	Pakôkku. Treasury Officer.	
53. „ Po Kin (2)	Thongwa, Dedayè.	
54. „ Lin	Mandalay, Lamaing.	
55. „ Bu Le	Pyinmana, Lewè.	
56. „ Tein Gywè	Bhamo.	
57. „ Ba (2)	Minbu, Kyabin.	
58. „ Shwe Yi	Magwe, Satthwa	
59. „ Kyi (2)	Sagaing, Myotha. Sub-Divisional Officer.	Personal allowance R25.
60. „ Ba Lat	Shwebo, Akunwun.	

Names	Appointments.	Salaries and Allowances per mensem.
		R a. p.
	BURMA—*contd.*	
	Myoôks—*concld.*	
	4th Grade, 112 at R150 each per mensem—contd.	
61. Maung Tha Bwe .	Mandalay, Singu.	
62. „ San Min . .	Sagaing, Myinmu.	
63. „ Po O (2) T. D. M	Lower Chindwin, Mintaingbin.	
64. „ Sa, A. T. M. .	Upper Chindwin, Homalin.	
65. „ Hmo (2) . .	Thayetmyo Shandatgyi.	
66. „ Po Po (1) .	Pegu, Kawa.	
67. „ Tha Zan U .	Lower Chindwin, Akunwun.	
68. „ Ba Thaw .	Thongwa Yandoon. (*On probation*)	
69. Mr. A. W. Munro .	(*On privilege leave for 3 months, from 1st July 1889.*)	
70. „ E. L M. Burke .	Hanthawaddy, Rangoon. (*On probation*) Treasury Officer.	
71. Maung Lu Maung .	Prome (*On probation*) Akunwun	
72. „ Po Yin .	Tavoy, Inzauk. (*On probation.*)	
73. Mr. E Millar . .	Yamethin. (*On probation*)	
74. „ A F. Thomas .	Magwe. (*On probation*)	
75 Maung Tu (2), B.A. .	Pegu. (*On probation.*)	
76 Mr. G. Blake . .	Tingoo (*On probation.*)	
77. „ H. M. Govan .	Thayetmyo. (*On probation*)	
78. Maung Thein (1) . .	Rangoon. (*Sub. pro tem*) . .	Pesonal allowance R75.
79. „ Chein . .	Bassein. (*Sub pro tem*) Assistant Settlement Officer,	
80. „ Shwe . .	Minbu. (*Sub. pro tem*) Akunwun.	
81. „ Kyaw Zin U .	Akyab, Ponnagyun (*Offg*)	
82. „ Shwe Aung .	Amherest, Thaton. (*Offg*)	
83. „ Po Yauk . .	Thayetmyo, Mindôn. (*Offg*)	
84. „ San Dwa . .	Bassein, Kangyidaung, (*Offg*)	Personal allowance R50.
85. „ Tun Win .	Henzada, Kyangin. (*Offg*)	
86. „ Tun Min (1) .	Shwegyin, Kyaikto. (*Offg*)	
87. „ Shwe Pôn .	Toungoo. (*Offg*)	
88 „ Myit (1) . .	Magwe, Myothit. (*Offg.*)	
89. „ Than Tu . .	Meigui, Lenya. (*Offg.*)	
90. „ Tha Dun U (2) .	Bissein, Thigwin. (*Offg*)	
91. „ Tha Hla . .	Myadaung, Kyanhnyat. (*Offg*)	
92. „ San Dun .	Thamawaddy. (*Offg*) (*Supdt. of Land Records*)	
93. „ Shwe Gyeik .	Meigui, Maliwun (*Offg.*)	
94 „ Po Saw . .	Magwe (*Offg*) Akunwun.	
95. „ Po Min . .	Kyaukse, Myittha. (*Offg*)	
96. „ Ba O . .	Henzada. (*Offg.*) Akunwun.	
97. „ San Hla (1) .	Yamethin, Pyawbwe. (*Offg.*)	
98. „ Myit (2) . . .	Thayetmyo. (*Offg*)	
99. „ San Hla (2)	Pyinmana . (*Offg.*)	
100. Mr. E. Savage . . .	Bhamo. (*Offg.*) (*In charge of Opium Station*)	
101. Maung Mya (2) . .	Minbu, Salin. (*Offg.*)	
102. „ Maung (2) .	Pakôkku. (*Offg*)	
103. „ Tun Aung (2) .	Thamawaddy, Minhla. (*Offg.*)	
104. „ Po (5) . .	Akyab, Minbya. (*Offg.*)	
105. „ Shan Byu . .	Prome, Shwedaung. (*Offg.*)	
106. „ Pan Maung .	Amherst, Kawkareik.	

	Names	Appointments	Salaries and Allowances per mensem
		BURMA—*contd.*	R a. p.
		MYOOKS—*contd.*	
		5th Grade, 48 at R100 each per mensem.	
1.	Maung Pe (7)	Mandalay, Amarapura.	
2	„ Shwe Daik	Magwe Natmauk.	
3.	„ Po Thet	Myingyan, Taungtha.	
4	„ Gyi (3)	(*On privilege leave for 3 months*)	
5	„ Paw Tha	Myingyan, Tanaungdaing.	
6.	„ Tha Bu	Kyauksè, Myingôndaing.	
7.	„ Po Tha	Meiktila.	
8.	„ Pe (8)	Bhamo, Shwegu.	
9.	„ Tun U	Shwebô, Myedu.	
10.	„ Paw Shan	Sagaing, Samun.	
11.	„ Yan Gyi Aung	Katha Kawlin.	
12.	„ Pu (4)	Katha, Manle.	
13.	„ Paw	Upper Chindwin, Taungdwinmyo.	
14.	„ Tun Tha, T.D.M.	Pakôkku, Yawdwin.	
15.	„ Tet	Pakôkku, Pauk.	
16.	„ Kwe	Pakokku Tilin	
17.	„ Tha Zan	Lower Chindwin, Mônywa.	
18.	„ Ku	Sagaing, Ayadaw.	
19.	„ Tha E	Kyauksè, Magyiyaung	
20	„ Anthony	Minbu, Legaing.	
21.	„ Kan Gyi	Meiktila.	
22.	„ Po Pe (2)	Mandalay. (*In charge of Opium Station*)	
23.	„ Kyaw Thin	Bhamo, Magaung.	
24.	„ Waing	Kyauksè, Hmet Kaya.	
25.	„ Kun Hnya	Shan States, Fort Stedman.	
26.	„ Chit	Kyauksè.	
27.	„ Tha Aung	Meiktila, Wundwin. (*On probation*)	
28.	„ Thein (2)	Sagaing. (*On probation.*)	
29.	„ Yeik	Minbu, Nagpè. (*On probation.*)	
30.	„ Ba Bwa	Lower Chindwin, Salingyi. (*On probation.*)	
31	„ Min Naing	Yamethin, Yindaw. (*On probation*)	
32.	„ Seik	Minbu, Ngapè.	
33.	„ Set Kyaw	(*On probation. On leave on medical certificate for 2 months, from 18th March 1889*)	
34.	„ Tun Min (2)	Magwe, Pin. (*On probation.*)	
35.	„ Le O	Magwe, Gyôkkôn (*On probation.*)	
36.	„ Po Shwe	Mandalay, Lundaung. (*On probation*)	
37.	„ Shwe Zin (3)	Shwebo, Hladaw. (*On probation*).	
38.	„ Aung Kyaw San	Minbu Sagu. (*On probation*)	
39.	„ Lu Ni	Yeu, Kyunhla. (*On probation.*)	
40.	„ Maung Tin	Mergui. (*On probation.*)	
41.	„ Tôk Gyi (2)	Minbu Sidôktaya. (*Sub. pro tem*)	
42.	„ Du Wun	Kyauksè, Myinzaing. (*Sub. pro tem*)	
43.	„ Po Sein	(*Sub. pro tem.*) (*On special duty. In Upper and Lower Chindwin and Pakokku Districts.*).	
44.	„ Pya	Myingyan, Taungnyo (*Sub. pro tem.*)	
45.	„ Nyun	Upper Chindwin, Balet. (*Offg.*)	
46.	„ Maw Lit	Pakôkku. (*Offg.*)	
47.	„ Ya Byi	Minbu, Dabwin. (*Offg.*)	
48.	„ Bo	Pyinmana, Taungmyo. (*Offg.*).	

Names.	Appointments.	Salaries and Allowances per mensem.
	BURMA—*contd.*	R a. p.
	MYOOKS—*concld.*	
	6th Grade, 15 at R50 a month.	
1. Maung Paw Nyun	Kyaukse Pinle	Personal allowance R25.
2. „ Se (1)	Lower Chindwin, Badulin.	
3. „ Kin (2)	Kyaukse, Paukmyaing.	
4. „ Lun Bye	Mandalay, Thôndaung.	
5. „ Tha Hlaing	„ Pyinulwin.	
6. „ Se (2)	„ Twinngè.	
7. „ Po Tôk (2)	„ Ônkôn.	
8 „ San Shin	„ Wetwin	
9. „ Paw Maing Naw	Bhamo, Sikaw.	
10. „ Hmun	Meiktila, Nyaunggaing	
11 „ Lat (2)	„ Pindale.	
12. „ Ôn Thi	„ Mahlaing.	
13. „ Pôn	Yeu, Kaduna.	
	JUDICIAL DEPARTMENT.	
1. Mr. W. E Ward, M.A., C.S.I.	Judicial Commissioner	2,880 0 0
2. „ W. F. Agnew, (B.-at-Law.)	Recorder of Rangoon	2,880 0 0
3. „ D. G. Macleod, M A., LL D. (B.-at-Law)	Judge of Moulmein	1,600 0 0
4. „ E. Richardson	Civil Judge, Mandalay	800 0 0
5. „ W. Bigge (A.-at-Law)	Judge of Small Cause Court, Rangoon	760 0 0
6. Maung Ba Wa, K.S.M.	2nd Judge of Small Cause Court, Rangoon.	500 0 0
	Law Officers.	
1. Mr. C. E. Fox, (B.-at-Law)	Government Advocate	1,200 0 0
2. „ J. Lowis, (B.-at-Law.)	Asst. Government Advocate. (*On leave on medical certificate for 8 months, from 13th April 1889.*)	
3. „ P. C. Sen, (B.-at-Law)	Asst. Government Advocate (*Offg.*)	350 0 0
4 „ A. L Vaillant	Government Prosecutor, Rangoon	400 0 0
5. „ C. W. Law, (B.-at-Law)	„ „ Moulmein	200 0 0
6. „ J. E. G. Villa	Registrar of the Recorder's Court and Special Court of Lower Burma.	400 0 0
	Cantonment Magistrates and Assistant Magistrates.	
1. Captain R. C. Temple, B.S.C.	Mandalay	1,000 0 0
2. Lieut. C. C. Tennant, M S C	Toungoo	Allowance . 100 0 0
3. „ W. Ayerst, M S C.	Thayetmyo	Allowance . 100 0 0

Names.	Appointments.	Salaries and Allowances per mensem.
	BURMA—*contd.*	*R a. p*
	Jail Department	
1. Surgeon-Major D. Sinclair, M B.	Rangoon.	
	Superintendents of Jails.	
1. Surgeon R. E. S. Davis, B.A., M B., Roch.	Rangoon, Pay R700 rising to R950 .	
2. F. H. Dobson, U.C.S. .	Moulmein	850 · 0 0
		Allowance . 100 0 0
		Total . 950 0 0
	Educational Department.	
	Director of Public Instruction at R1,250, rising to R1,500 a month.	
1. Mr. J. Van Someren Pope, M A.	Rangoon.	
	Inspector of Schools, Eastern Circle, at R750, rising to R1,000.	
1. Mr. R. G. Hodson . .	Rangoon	
	Inspector of Schools, Western Circle, at R500 to R750.	
1. Mr. L. A. Goss . .	Rangoon.	
	Deputy Inspectors of Schools, 1st Grade, 2 at R250 a month.	
1. Maung Po Maung . .	(*On privilege leave for 3 months, from 12th June 1889*)	
2. „ Bwa . .	Rangoon. For Hanthawaddy District.	
	2nd Grade, 3 at R200 a month.	
1. Maung Shwe Hmôn .	Moulmein.	
2. „ Gauk . .	Shwegyin.	
3. „ Môn . .	On Special Duty in Upper Burma from 8th June 1889.	
	3rd Grade, 10 at R150 a month.	
1. Maung Nga Mè Gri .	(*On leave for 6 months from 1st June 1889.*)	
2. „ Tun . .	Henzada.	
3. „ Pa Ha . .	Toungoo.	
4. „ Po Nwe . .	Bassein.	
5. „ Po Kya . .	Tharrawaddy.	
6. „ Paw Din . .	Thayetmyo.	
7. „ Tun Hla . .	Kyaukpyu and Sandoway.	
8. „ Nyan Kye . .	Moulmein, for Karen Schools, Amherst, Tavoy, Meigui, and Salween Districts.	
9. „ Lu . . .	Rangoon. (Sub. *pro tem.*) For Karen Schools, Hanthawaddy, Pegu, Tharrawaddy, Prome, and Thôngwa Districts.	

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Educational Dept.—*contd.*				
	3rd Grade, 10 at R150 a month —contd.				
10. Inoddin	Akyab. For Mahomedan Schools, Akyab Town and District.				
11. Maung Taw Piu . .	Thôngwa.				
12. „ Pa . . .	Bassein. (*Sub.-pro tem.*) For Karen Schools, Bassein, Henzada, and Thayetmyo Districts.				
13. „ Myat Tun . .	Tavoy. and Meigui Districts.				
14. „ San Ye . .	Pegu.				
15. „ Po Tun . .	Akab (*Officiating.*)				
16. „ Tun Hla . .	Rangoon. (Sub. *pro tem*)				
17. „ Po Gywe . .	Prome (*Officiating.*)				
	Head Masters of High Schools, 2 at R300 to R400.				
1. Mr. John Simon . .	Akyab		400	0	0
		Personal Allowance .	50	0	0
		Total .	450	0	0
2. „ C. A. E. G. Adams .	(*On privilege leave for 2 months, from 27th May 1889.*)				
3. „ A. G. Mackertoom .	Moulmein		300	0	0
		House Allowance .	50	0	0
		Total .	350	0	0
	Head Masters of Normal and Practising Schools.				
1. Mr D. Aldridge . .	Moulmein		400	0	0
2. „ James Simeon . .	Akyab		250	0	0
	Medical Department.				
1. Surgeon-Major D. Sinclair, M B , C.M.	Rangoon. Inspector General of Jails, with Civil Medical Administration, Burma.		2,000	0	0
2. Surgeon J. T. W. Leslie, M B., C.M.	Rangoon. Secretary to the Inspector General of Jails, with Civil Medical Administration, Burma.		750	0	0
3. Brigade-Surgeon H. Griffith.	Rangoon. Civil Surgeon . . .		1,093	2	0
		Allowance—			
		Lunatic Asylum .	250	0	0
		B. State Ry.	150	0	0
		State prisoners .	30	0	0
		Public Works Department	30	0	0
		Total .	1,553	2	0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Medical Department—*contd.*				
4. Surgeon-Major H. Johnstone, A.M., M.D.	Rangoon		950	0	0
		Allowances—			
		Port Health Officer .	250	0	0
		Lock Hospital .	100	0	0
		Total .	1,300	0	0
5. Surgeon-Major P. N. Mukurji.	Sagaing	Allowance .	100	0	0
6. Surgeon-Major O. Baker .	Moulmein		750	0	0
		Allowances—			
		Jail .	100	0	0
		Port Health Officer .	75	0	0
		Total .	925	0	0
7. Surgeon-Major G. T. Thomas, L.R.C.P., Lond., M.R.C.S., Eng.	(*On furlough for 1 year, from 20th December 1888.*)				
8. Surgeon-Major S. H. Dantra, M.B., C.M.	(*On furlough for 2 years, from 4th April 1888.*)				
9. Surgeon W. H. Thornhill, M.D.	Shwebo	Allowance .	150	0	0
10. Surgeon P. W. Dalzell, M.B., C.M.	Bassein. (*Offg.*)	Allowances—			
		Jail .	250	0	0
		Port Health Officer .	50	0	0
		Lock Hospital .	50	0	0
		Total .	350	0	0
11. Surgeon E. P. Frenchman, L.M.S., Bom.; L.R.C.B., Edin.; L.P.F.S., Glas.	Thayetmyo		550	0	0
		Allowances—			
		Jail .	250	0	0
		Lock Hospital .	50	0	0
		Total .	850	0	0
12. Surgeon G. Shewan .	Mandalay		650	0	0
		Allowances—			
		Jail .	250	0	0
		Police Levy	100	0	0
		Total .	1,000	0	0
13. Surgeon H. M. Hakim .	Mandalay. In charge Shore Hospital .	Allowance .	50	0	0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Medical Department—*contd.*				
14. Surgeon C. S. Rundle, M B., C M.	Toungoo		550	0	0
		Allowances—			
		Jail	150	0	0
		Lock Hospital	50	0	0
		Total	750	0	0
15. „ A. O. Evans	Akyab				
		Allowances—			
		Jail	100	0	0
		Port Health Officer	50	0	0
		Total	150	0	0
16. Surgeon P. E H. Strickland.	Bhamo. Civil Surgeon	Allowance	100	0	0
17. Surgeon H. E Banatwala	Minbu		100	0	0
		Allowance—			
		Jail	50	0	0
		Total	150	0	0
18 „ F. G. Maidement	Pyinmana	Allowance	100	0	0
19. „ T. W. Stewart	Meiktila. Civil Surgeon	Allowance	100	0	0
20. „ A. G. E. Newland	Pakokku, Civil Surgeon	Allowance	100	0	0
21. Hony-Surgn. R. S. Dawson, L.R.C.P., L.R.C.S., Edin., & L S.A., Lond.	Myingyan	Officiating	550	0	0
		Allowance—			
		Jail	150	0	0
		Total	700	0	0
22. Hony-Surgn. C. W. E Foster, M R C S., Edin., L.S.A., Lond.	Mergui		750	0	0
23 „ C. G. R Naylor, M R. C.S, Eng., L R C.P., L.R.C.S., Edin.	(*On furlough for 1 year, from 28th October 1888*)				
1st Grade Apothecary G. H. Campbell.	Tharrawaddy. (*Offg* Civil Surgeon)		350	0	0
1st Grade Apothecary J. E. Campbell.	Prome. (*Offg.* Civil Surgeon)		350	0	0
1st Grade Apothecary H. Wells.	Shwegyin. Civil Surgeon		550	0	0
		Allowance—			
		Jail	50	0	0
		Total	600	0	0
1st Grade Apothecary J. Galvin.	Yaméthin. Civil Surgeon		350	0	0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Medical Department—*contd.*				
1st Grade Apothecary J. Davis.	Henzada. (*Officiating*) . . .		350	0	0
		Allowance—			
		Jail .	75	0	0
		Total .	425	0	0
2nd Grade Apothecary G. B. Fonseca.	Rangoon. Resident Medical Officer .				
		Lock Hospital	100	0	0
		Allowance .	30	0	0
		House-rent .	30	0	0
		Total .	210	0	0
2nd Grade Apothecary D. T Baker	Magwe. Civil Surgeon . . .		350	0	0
2nd Grade Apothecary C. G. Roberts.	Kindat. Do.		350	0	0
1st Grade Asst. Apothecary W. A. Cole.	Hatha. Do.		350	0	0
1st Grade Asst. Apothecary W. H. Cooper.	Mogok. Do.		350	0	0
1st Grade Asst. Apothecary F. Bradley.	Tamu. Do.		350	0	0
1st Grade Asst. Apothecary, R. T. Darwin, L.R.C.P., L.R.C.S., Edin., L.M., Edin	Fort Stedman. Do.		350	0	0
1st Grade Asst. Apothecary T. C. Lawrence.	Minbu		110	0	0
		Allowance—			
		Burma .	55	0	0
		Total .	165	0	0
1st Grade Asst. Apothecary J. Fisher.	Môngwa. Civil Surgeon .		350	0	0
		Allowance—			
		Jail .	50	0	0
		Total .	400	0	0
1st Grade Asst. Apothecary S. A. Appasawmy.	Meiktila		110	0	0
		Allowance—			
		Burma .	55	0	0
		Total .	165	0	0
1st Grade Asst. Apothecary J. Dolby.	Mogaung. Civil Surgeon . . .		350	0	0
1st Grade Asst. Apothecary J. T. Weston, L.R.C.P., Ire.; L.M. & L.R.C.S., Glas.; L.S.A. & F.C.S. London.	Lashio. Do.		350	0	0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a	p.
	BURMA—*contd.*				
	Medical Department—*contd*				
1st Grade Asst. Apothecary R. H. Nailor, L R C P, L.R.C.S, Edin.	Thongwa. Civil Surgeon . . .		350	0	0
		Allowance—			
		Jail .	75	0	0
		Total .	425	0	0
1st Grade Asst Apothecary G R Goudoin.	Kyaukse. Do.		350	0	0
1st Grade Asst. Apothecary T. Kiddle, L S A., Lond	Yeu.				
1st Grade Asst. Apothecary E. Peacock.	Pakokku		85	0	0
		Allowance—			
		Burma .	55	0	0
		Total .	140	0	0
2nd Grade Asst. Apothecary J. P. O'Brien.	Mandalay		85	0	0
		Allowance—			
		Burma .	42	8	0
		Total .	127	8	0
Asst. Surgeon, 2nd Grade, O. L Munshi.	Tavoy. Civil Surgeon . . .		150	0	0
		Allowance—			
		Burma .	50	0	0
		Charge .	150	0	0
		Jail .	50	0	0
		Total .	400	0	0
Asst. Surgeon, 2nd Grade, Mohendro Nath Roy.	Rangoon. Resident Medical Officer .		150	0	0
	Allowances General Hospital (Municipal)		150	0	0
		Allowance—			
		Burma .	50	0	0
		Total .	350	0	0
Asst. Surgeon, 2nd Grade, D. D. Bhattacharji.	Kyaukpyu. Civil Surgeon . .		150	0	0
		Allowance—			
		Burma .	50	0	0
		Charge .	150	0	0
		Jail .	75	0	0
		Total .	425	0	0
Asst. Surgn. 3rd Grade, B N. Mukerji.	Pegu. Do. . . .		100	0	0
		Allowances—			
		Charge .	100	0	0
		Burma	50	0	0
		Total .	250	0	0

Names.	Appointments.	Salaries and Allowances per mensem.
		R a. p.
	BURMA—*contd.*	
	Medical Department—*concld.*	
Asst. Surgeon, 3rd Grade, A. C. Ghosh.	Sandoway, Civil Surgeon . . .	50 0 0
		Allowances—
		Charge . 100 0 0
		Burma . 50 0 0
		Total . 200 0 0
Asst. Surgeon, 3rd Grade, H Dass.	Pakokku Gungaw (*Offg. Civil Surgeon*)	100 0 0
		Allowances—
		Charge . 100 0 0
		Burma . 50 0 0
		Total . 250 0 0
Asst. Surgeon, 3rd Grade, F. X. D'Attaides.	Sagaing	100 0 0
		Allowance—
		Burma . 50 0 0
		Total . 150 0 0
Local Asst. Surgeon, 3rd Grade, Maung Po-Kyaw.	(*On leave for 1 year and 6 months, from 28th March 1888*)	
Local Asst. Surgeon, 3rd Grade, S. Bogonaw, M D.	Papun Civil Medical Officer . . .	100 0 0
Local Asst. Surgeon, 3rd Grade, Maung Yau Hnin.	Rangoon General Hospital . . .	100 0 0
Local Asst. Surgeon, 3rd Grade, Maung Thao Nu.	Akyab, Resident Medical Officer, General Hospital.	100 0 0
Local Asst. Surgeon, 3rd Grade, Maung Po Key.	Mandalay, Karen Military Police Battalion.	100 0 0
Local Asst. Surgeon, 3rd Grade, Maung Thin.	Bhamo, Civil Hospital . . .	100 0 0
Local Asst. Maung Pha Taw.		
	Ecclesiastical Department.	
	Bishop of Rangoon.	
1. The Right Revd. J. M. Strachan, DD., M D.	Rangoon.	
	Archdeacon of Rangoon.	
1. The Venerable W. C. Noyes.	(*On furlough for 1 year and 9 months, from 10th March 1888.*)	
2. Revd. J. Fairclough, Missionary, S.P.G.	Rangoon. (*Officiating Archdeacon of Rangoon and Bishop's Commissary and Chaplain, Rangoon Cantonment.*)	

Names.	Appointments.	Salaries and Allowances per mensem.			
	BURMA—*concld.*		*R.*	*a.*	*p.*
	ECCLESIASTICAL DEPARTMENT—*concld.*				
	Senior Chaplains of the Bengal Establishment at R800 per mensem.				
1. Revd. J. S. Sandys, M A. .	(*On furlough on medical certificate for 1 year, from 9th October 1888.*)				
2. „ C. H. Chard . .	Port Blair.				
	Junior Chaplains of the Bengal Establishment at R500 per mensem.				
1. Revd. G. A. Ford, B.A. .	Mandalay.				
2. „ J. P. Dyer, M.A. .	(*On leave on medical certificate to Europe for 1 year, from 28th Dec. 1888.*)				
3. „ H. C. Parker, M.A. .	Shwebo.				
4 „ A. H. Finn . .	Rangoon Town.				
5. „ D. G. L. Browne, B A	Thayetmyo.				
6. „ W E. Jones, Missionary, S.P.G.	Toungoo. (*Officiating*)				
	List of other Clergymen receiving allowances from Government.				
1. Revd. A. S. Pendleton .	Insein. Railway Chaplain . . .	Allowance	150	0	0
2. „ J. A. Colbeck .	Moulmein.	„	150	0	0
3. „ W. Graham, M A. .	Bassein and Henzada . . .	„	150	0	0
4. „ T. Rickard . .	Rangoon. Chaplain of Pegu . .	„	50	0	0
5 „ J. San Baw . .	Rangoon. *Offg. Port Chaplain* . .	„	100	0	0
5. „ J. E. Marks, D.D. .	Chaplain of Tavoy and Mergui . .	„	50	0	0
7. „ T. G. Menhinick, M.A	(*On leave to Europe for 3 months, from 20th June 1889*)				
	Registrar of the Diocese and Archdeaconry of Rangoon.				
1. J. A. D. Heaton, M.A (Barrister-at-Law.)	Rangoon	Allowance	50	0	0
	POLICE DEPARTMENT.				
	Inspector General at R2,250 a month.				
1. Brig.-Genl. E. Stedman, C.B., B.S.C.	Rangoon (*on 3 months' privilege leave, from 29th June 1889*).		2,250	0	0
	Deputy Inspectors General, 2 at R1,000 to R1,200, a month.				
1. T. D. Jameson, U C S. .	Rangoon. Civil Police. (*Offg. I. G. P., from 29th June 1889.*)		1,000	0	0
		Allowance	833	5	4
		Total .	1,833	5	4
2. Major S. H. P. Graves, B S C.	Rangoon, Military Police . . .		1,050	0	0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Police Department—*contd.*				
	District Superintendents (36).				
	1st Grade, 4 at R900 each a month.				
1. Mr. B. H Davidson, U.C.S	(*On privilege leave for 3 months, from 22nd June 1889.*)				
2 „ T. W. Wood, U.C.S.	(*On furlough for one year, from 20th June 1889*)				
3. „ J. W. Olive, U C S.	Rangoon		900	0	0
4 „ J. Dixon, U C.S.	Rangoon. (*Offg. Deputy Inspector General of Civil Police, from 29th June 1889.*)		900	0	0
		Allowance	100	0	0
		Total	1,000	0	0
	2nd Grade, 4 at R800 each a month.				
1 „ R A. L. Fanshawe, U C.S.	Henzada. (*Offg 1st Grade*)		800	0	0
		Allowance	100	0	0
		Total	900	0	0
2 „ R B. Hawkes, U.C.S.	Prome. (*Offg 1st Grade*)		800	0	0
		Allowance	100	0	0
		Total	900	0	0
3. „ W A E. Lake, U C S	(*On leave on urgent private affairs for 6 months, from 11th April 1889.*)				
4 „ J. D. Mercer, U.C.S.	Thayetmyo. (*Offg. 1st grade*)		800	0	0
		Allowance	100	0	0
		Total	900	0	0
	3rd Grade, 5 at R700 each a month.				
1. „ C. J. O'Donoghue, U.C.S	*En route* to Kyaukse. (*Offg. 2nd Grade*)		700	0	0
		Allowance	100	0	0
		Total	800	0	0
2. „ G. G G. Campbell, U.C.S.	Katha. (*Offg. 2nd Grade*)		700	0	0
		Allowance	100	0	0
		Total	800	0	0
3. „ C V. Harris, U.C.S.	Tavoy. (*Offg 2nd Grade*)		700	0	0
		Allowance	100	0	0
		Total	800	0	0
4. „ R. Martin, U C.S.	Mandalay (*Offg 2nd Grade*)		700	0	0
		Allowance	100	0	0
		Total	800	0	0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Police Department—*contd.*				
	District Superintendents (*36*)—contd.				
	4th Grade, 8 at R600 per month.				
1. Mr. A. G. Mayne, U.C.S.	Sagaing. (*Offg. 3rd Grade.*)		600	0	0
		Allowance	100	0	0
		Total .	700	0	0
2. „ A. J. A. Jardine, U.C.S.	Meiktila. (*Offg. 3rd Grade, from 3rd February 1889.*)		600	0	0
		Allowance	100	0	0
		Total	700	0	0
3. „ W. G. Snadden, U.C.S.	(*On furlough for one year, from 24th April 1889.*)				
4. „ J. M. Law, U.C.S. .	Mergui. (*Offg. 3rd Grade, from 10th March 1889.*)		600	0	0
		Allowance .	100	0	0
		Total .	700	0	0
5. „ J. C. Fanshawe, U.C.S.	Paletwa		600	0	0
6. „ F. S. Stowell, U.C.S. .	Minbu		[illegible]	0	0
7. „ M. J. Chisholm, U.C.S.	Mingya .				
8. „ P. J. Porter, U.C.S. .	Mogok.				
9. „ G. C. Serres, U.C.S. .	Akyab.				
10. „ W. H. Segrave, U.C.S.	Bhamo (*Supernumerary*).				
	5th Grade, 15 at R500 a month.				
1. Mr. E. H. Molloy, U.C.S. .	(*On leave on medical certificate for 1 year, from 21st August 1888.*)				
2. „ A. H. Tucker, U.C.S.	Pegu. (*Offg 4th Grade, from 26th September 1888.*)		500	0	0
		Allowance	100	0	0
		Total .	600	0	0
3. „ R. H. Greenstreet, U.C.S.	Rangoon. Personal Asst. to Inspr. Genl. of Police. (*Offg. 4th Grade, from 28th February 1889.*)		500	0	0
		Staff allowance	100	0	0
		Acting allowance	100	0	0
		Total .	700	0	0
4. „ C. M. Prendergast, U.C.S.	Rangoon. Personal Asst. to Depy. Inspr. Genl. of Civil Police. (*Offg. 4th Grade*)		500	0	0
		Allowance	100	0	0
		Staff allowance	100	0	0
		Total .	700	0	0
5. „ W. H. Tarleton, U.C.S.	Magwe		500	0	0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Police Department—*contd.*				
	(*District Superintendents* (36)—contd.				
	5th Grade, 15 at R500 a month—contd.				
6. Mr. W. Pockett, U.C.S.. .	Pakokku		500	0	0
7. „ E. G. Mumford, U.C.S	(*On probation.*)—(*On leave on medical certificate for 9 months, from 10th December 1888.*)				
8. „ C. E. Lloyd, U.C.S. .	Kindat. (*On probation.*)				
9. „ R. A. E. Castle, U.C.S .	Yaméthin.				
10. „ C. H. Serres, U.C.S. .	(*On probation.*)—(*On leave on medical certificate for 2 years and 10 months, from 4th March 1887.*)				
	Asst. District Supdts., 1st Class, 12 at R400 each per mensem.				
1. Mr. C. H. Hallett, U.C.S. .	Lewe.				
2. „ E. Martini, U.C.S. .	Papun, Salween Dist. (*Offg. Dist. Supdt., 5th Grade, from 1st Decr. 1888; Dist. Magistrate.*)		400	0	0
		Acting allowance	100	0	0
		Total .	500	0	0
3. „ G. W. Tarleton, U.C.S.	Tigyaing. (*On probation.*)				
4. „ St. Leger. B. Aldworth, U.C.S	Shwegyin. (*In charge of District.*)				
5. „ F. C. C. Annesley, U.C.S.	(*On furlough on medical certificate for 1 year, from 7th October 1888.*)				
6. „ H. B. Walton, U.C.S.	Monywa. (*Offg. Supdt., 5th Grade, from 15th January 1888.*)		400	0	0
		Allowance	100	0	0
		Total .	500	0	0
7. „ R. C. Rogers, U.C.S. .	Kyaukpyu. (*Offg. Supdt., 5th Grade, from 20th July 1887.*)		400	0	0
		Allowance	100	0	0
		Total .	500	0	0
8. „ H. S. Hill, U.C.S. .	Zigôn.				
9. „ R. E. Barber, U.C.S. .	Bassein. In charge of district.				
10. „ H. C. France, U.C.S. .	Ye-Pu. Do. do.				
11. „ A. A. St. C. Miller, U.C.S.	Tharrawaddy.				
12. „ H. W. Rae, U.C.S. .	Pyilongyaw.				
	Asst. District Supdts., 2nd Class, 35 at R250 a month.				
	A List.				
1. Mr. W. W. Forbes, U.C.S. .	(*On leave on medical certificate, for 1 year and 3 months, from 9th August 1888.*)				

Names	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd*				
	Police Department—*contd*				
	Asst Dist Supdts, 2nd Class, 35 at R250 a month—contd.				
	A List—contd.				
2. Mr H. P. Pedler, U C.S. .	Pyinmana.				
3. Capt. D. L. de la Cherois	(*On extraordinary leave for 1 year, from 30th September 1888.*)				
4. Mr J. W Davidson, U C.S	Pyawbwe.				
5. „ J. Dobson, U.C.S. .	Sandoway. In charge of district.				
6. „ F. L. Rey, U.C.S. .	Shwebo. (*Offg Dist Supdt, 5th Grade, from 27th February 1888.*)		250	0	0
		Acting allowance	200	0	0
		Total .	450	0	0
7. „ A. D. Kiernander, U C S	Mandalay. (*Offg. Dist. Supdt., 5th Grade, from 20th March 1888*)		250	0	0
		Acting allowance	200	0	0
		Total .	450	0	0
8. „ W. F. Richardson, U C.S.	Mogok.				
9. „ E A. W G McDougall, U.C.S.	Magwe.				
10. „ F. H. Wells, U.C.S. .	(*On leave on medical certificate for 15 months, from 8th January 1888*)				
11. „ H. Deighton, U.C S. .	Mandalay. (*On probation*)				
12 „ C F. Hobson, U C S.	Pegu (*On probation*)				
13. „ W. N. Baines, U.C S. .	Moulmein. In charge of Amherst District.				
14 „ G. Tilly, U C.S. .	Shwebo. (*On probation*)				
15. „ C. Saunders, U C.S. .	Kyaukse (*On probation*) *Offg. Superintendent, 5th Grade, from 26th November 1887.*)		250	0	0
		Allowance .	200	0	0
		Total .	450	0	0
16. „ W D Clark, U.C S. .	Toungoo (*On probation*) In charge of district.				
17. „ R. C. Cumming, U.C.S	(*On leave on medical certificate for 6 months, from 6th May 1889*) .				
18. „ F. S. Orchard, U.C S. .	(*On furlough for 9 months, from 11th December 1888*)				
19. „ B. Cumberland, U.C S	Katha. Kawlin.				
20. „ R. A. Simpson, U C.S.	Shwebo.				
21. „ R. C. McDonnell, U.C.S	(*On probation*) (*On leave.*) (*On medical certificate for 6 months, from 4th January 1889*)				
22. „ H. F. Hertz, U.C.S. .	Mandalay Maymyo. (*On probation.*) (*Offg. 1st class, from 6th January 1889*)		250	0	0
		Acting allowance .	150	0	0
		Total .	400	0	0

Names.	Appointments.	Salaries and Allowances per mensem	R	a.	p.
	BURMA—*contd.*				
	Police Department—*contd.*				
	Asst. Dist. Supdts., 2nd Class, 35 at R250 a month—contd.				
	A List—contd.				
23. Mr. K. C. Macdonald, U.C.S	Myingyan. Kyaukpada. Magistrate, 2nd class.				
24. Capt. P. Harvey . .	Mandalay. (*On probation*)				
25. Mr. E. G. Durrant, U.C.S.	Lower Chindwin. Mintaingbin.				
26. „ W. B. Stuart, U.C.S.	(*On leave on medical certificate for 1 year, from 30th April 1889*)				
27. „ E. B Whiting, U.C.S.	Minbu. (*Salin*) (*On probation*)				
28. „ H. C. Gadsden, U.C.S	Ma-ubin. (*Offg. 1st Grade, from 14th February 1889.*)		250	0	0
		Allowance	150	0	0
		Total .	400	0	0
29 „ E. N. Drury, U.C.S .	Myanaung				
30. „ A. H. Gayer, U.C.S. .	(*On privilege leave for 1 month and 12 days, from 15th June 1889.*)				
31. „ C. C. T. Chapman, U.C.S.	*En route* to Ava.				
32 „ J. de A. Wooldridge, U.C.S.	Thairawaddy.				
33. „ A. St. J. Ingle, U.C.S	Magwe.				
34 Hon. A. Hay, U.C.S. .	Rangoon. Adjutant, Military Police, Lower Burma.				
35 Mr. S. Coxon, U.C.S. .	Kyaukse				
F. S. Whiting, U.C.S. .	Magwe. Yenangyaung.				
Maung Tun Min, U.C.S.	Amherst and Kawkarick. (*On probation.*)				
R. P. Clogstoun, U.C.S.	Thairawaddy. Teindaw.				
H. W. Martin, U.C.S. .	Bhamo (*Offg*)				
R. N. Angelo, U.C.S. .	Pakokku. Ywadwin (*Offg*)				
E. C. S. Shuttleworth, U.C.S.	Ye-u Mayagan (*Offg.*)				
C. H. P. Wetherell, U.C.S.	Ngathaingyaung (*Offg*)				
N. S. Field, U.C.S.	Meiktila and Mahlaing (*Offg*)				
F. de la F. Sherman, U.C.S.	Madaya (*Offg*)				
L. N. Szezepanski, U.C.S.	Ava (*Offg.*)				
M. C. McFarlane, U.C.S. .	Moulmein (*Offg.*)				
H. S. Wallace, U.C.S. .	Magwe, Myothit (*Offg.*)				
W. A Robinson, U.C.S. .	Minbu and Sagu (*Offg.*)				
K. C. Mitchell, U.C.S. .	Pyinmana, Shwemyo (*Offg.*)				
H. R. O. Grazebrook, U.C.S.	Shwegyin and Kyaikto (*Offg.*)				
W. V. Wallace, U.C.S. .	Rangoon (*Offg. Personal Asst. to Deputy Inspector General of Civil Police.*)				
A. D. Lucas, U.C.S. .	Pakokku.				
T. S. Beale, U.C.S. .	(*On privilege leave for 3 months, from 6th April 1889*)				

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.	
	BURMA—*contd.*		₹ a. p.
	POLICE DEPARTMENT—*contd.*		
	B—List.		
	Thirteen at R250 a month.		
1. H. Albon, U C.S. . .	Ratnagiri. Political Officer with H. H. *Ex*-King Thebaw.		
2. Maung Man, U C S. .	Paungdè.		
3. „ Sliwe Thin, U.C.S. .	Yandoon.		
4. „ Kala Thi, U.C.S. .	Kemmendine.		
5. „ Thu Taw U., U.C.S.	Akyab.		
6. „ Myo, U.C.S. . .	Rangoon.		
7. „ Ba U., T.D.M., U.C S	Lomati.		
8. D. W Rae, U.C.S. . .	Allanmyo.		
9. W. L. Thompson, U.C S. .	Thayetmyo. Linge.		
10. Maung Lu Galay . .	Thatôn.		
	Police Supply and Clothing Dept.		
1. Capt. S. C. F. Peile, R.S.C.	Rangoon. (Director of Police Supply and Clothing.)		1,000 0 0
2. „ H Parkin, RO. S.C. .	Rangoon. (Assistant Director of Police Supply and Clothing.)		600 0 0
	Commandants of Military Police Battalions.		
1. Capt. V. C. Tonnochy, 4th Sikh Infantry.	Shan States Levy. Fort Stedman. Magistrate of 1st class.		374 1 6
		Staff allowance .	400 0 0
		Total .	774 1 6
2. Capt. E. S. Hastings, D S O, 25th Madras Infantry.	(*On furlough for 1 year, from 1st December 1888.*)		
3. Capt. W. Cook, 3rd Sikh Infantry.	Minbu. Magistrate, 1st class . .		374 1 6
		Staff allowance .	400 0 0
		Total .	774 1 6
4. Capt C. W. Harris, 4th Bengal Infantry.	Kubo Valley, Tanu. Magistrate, 1st class.		374 1 6
		Staff allowance .	300 0 0
		Total .	674 1 6
5. Capt. N. A. K. Burne, 23rd Pioneers.	Pyinmana. Magistrate, 1st class .		374 1 6
		Staff allowance .	300 0 0
		Total .	674 1 6
6. Capt. A. J. R. Hutchinson, 12th Bengal Cavalry.	Ye-u. Magistrate, 1st class . .		374 1 6
		Staff allowance .	400 0 0
		Total .	774 1 6

Names.	Appointments	Salaries and Allowances per mensem.	R a. p.
	BURMA—*contd.*		
	Police Department—*contd.*		
	Commandants of Military Police Battalions—contd.		
7. Capt. F. C. Dunlop, 2nd Sikh Infantry.	Katha. Magistrate, 1st class . .		374 1 6
		Staff allowance .	300 0 0
		Total .	674 1 6
8. „ H. D. U. Keary, 1st Madras Pioneers.	Shwebo. Magistrate, 1st class . .		374 1 6
		Staff allowance .	400 0 0
		Total .	774 1 0
9. „ H. O'Donnell, 44th Gurkhas.	Mogaung Levy. Bhamo. Magistrate, 1st class.		374 1 6
		Staff allowance .	300 0 0
		Total .	674 1 6
10. „ E. T. Gastrell, 24th Punjab Infantry.	(*On furlough for 1 year, from 1st June 1889.*)		
11. Lieut. H. F. E. Hodges, 7th Bombay Cavalry.	Lower Chindwin. Monywa. Magistrate, 1st class.		225 12 0
		Staff allowance .	300 0 0
		Total .	525 12 0
12. „ R. P. Colomb, 3-4th Bombay Infantry.	(*On leave on medical certificate for 1 year, from 12th November 1888.*)		
13. „ W. G. Alban, 13th Bombay Infantry.	Sagaing. Magistrate, 1st class . .		225 12 0
		Staff allowance .	300 0 0
		Total .	525 12 0
14. „ R. P. S. Barnett, 3rd Bombay Cavalry.	(*On privilege leave for 3 months, from 4th June 1889.*)		
15. „ H. F. Loch, 1st Bengal Infantry.	Upper Chindwin. Kindat. Magistrate, 1st class.		225 12 0
		Staff allowance .	400 0 0
		Total .	625 12 0
16. „ F. O. Anderson, 3rd Punjab Cavalry.	Ruby Mines. Mogok. Magistrate, 1st class.		225 12 0
		Staff allowance .	400 0 0
		Total .	625 12 0
17. „ R. M. Rainey, 1st Madras Pioneers.	Chin Frontier Levy. Tamu . .		225 12 0
		Staff allowance .	400 0 0
		Total .	625 12 0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Police Department—*contd.*				
	Commandants of Military Police Battalions—contd.				
18. Lieut. H. F. Holland, 24th Punjab Infantry.	Meiktila. Magistrate, 1st class . . .		225	12	0
		Staff allowance .	400	0	0
		Total .	625	12	0
19. „ W. G. Hatherell, 22nd Bombay Infantry	Pakokku. Magistrate, 1st Class .		225	12	0
		Staff allowance .	400	0	0
		Total .	625	12	0
20. Capt. H. E C. Way, 13th Bombay Infantry.	Minbu. Supernumerary pending the departure on leave of Captain Cook.		374	1	6
	Seconds-in-Command.				
1. Lieut. W. B. Morton, 12th Bengal Infantry.	Shwebo		225	12	0
		Staff allowance .	250	0	0
		Total .	475	12	0
2. „ D. S. Lewis, 7th Madras Infantry.	Mogaung Levy. Bhamo . . .		225	12	0
		Staff allowance .	200	0	0
		Total .	425	12	0
3. „ H. L. Custance, 36th Bengal Infantry.	Myingyan		225	12	0
		Staff allowance .	200	0	0
		Total .	425	12	0
4. „ P. B. Vaughan, 34th Bengal Infantry.	Myadaung		225	12	0
		Staff allowance .	200	0	0
		Total .	425	12	0
5. „ A. D. C. Pond, 5th Bengal Infantry.	Ye-u		225	12	0
		Staff allowance .	200	0	0
		Total .	425	12	0
6. „ F. W. J. Caulfield, 10th Bombay Infantry.	Minbu		225	12	0
		Staff allowance .	200	0	0
		Total .	425	12	0

Names	Appointments.	Salaries and Allowances per mensem.	₹ a. p.
	BURMA—*contd.*		
	Police Department—*contd.*		
	Seconds in-Command—contd.		
7. Lieut. H D. McIntyre, 8th Madras Infantry.	Yamethin. (*Offg. Commandant*) .		225 12 0
		Staff allowance .	250 0 0
		Total .	475 12 0
8. „ C. C Anderson, 26th Punjab Infantry.	Pyinmana		225 12 0
		Staff allowance .	300 0 0
		Total .	525 12 0
9. „ G. D. Atkinson, 1st Bombay Lancers.	Myingyan. (*Offg. Comdt.*) Magistrate, 1st class.		225 12 0
		Staff allowance .	325 0 0
		Total .	550 12 0
10. „ A. T. Young, 12th Madras Infantry.	Upper Chindwin		225 12 0
		Staff allowance .	200 0 0
		Total .	425 12 0
11. „ S. H. Pelley, 24th Bombay Infantry.	Kyaukse. (*Offg. Comdt.*) Magistrate, 1st class.		225 12 0
		Staff allowance .	250 0 0
		Total .	475 12 0
12. „ A. W Leonard, 24th Madras Infantry.	Mandalay. Ditto ditto .		225 12 0
		Staff allowance .	325 0 0
		Total .	550 12 0
13. „ J. Henegan, 27th Madras Infantry.	Kubo Valley, Tamu. (*Offg. Commandant.*)		225 12 0
		Staff allowance .	200 0 0
		Total .	425 12 0
14. Subadar-Major Chutter Sing, *Rai Bahadur*.	Mogaung Levy. Bhamo . . .		340 0 0
	Assistant Commandants.		
1. Capt. R. B. Shawe, 16th Bengal Infantry.	Shan State Levy. Fort Stedman .		374 1 6
		Staff allowance .	300 0 0
		Total .	674 1 6

Names.	Appointments.	Salaries and Allowances per mensem	
	BURMA—*concld.*		₹ a. p.
	POLICE DEPARTMENT—*contd.*		
	Assistant Commandants of Military Police Battalions—contd.		
2. Lieut. C. Tritton, 21th Bombay Infantry.	Lower Chindwin		225 12 0
		Staff allowance .	200 0 0
		Total .	425 12 0
3. „ G. Rippon, 29th Madras Infantry.	Sagaing		225 12 0
		Staff allowance .	250 0 0
		Total .	475 12 0
4. „ C. E. Belli Bivai, 7th Bombay Cavalry.	Minbu		225 12 0
		Staff allowance .	200 0 0
		Total .	425 12 0
5. „ J. Jones, 2nd Punjab Cavalry.	Sagaing		225 12 0
		Staff allowance .	200 0 0
		Total .	425 12 0
6. „ J. M Stuart 5th Gurkha, 1st Battalion.	Mogaung Levy		225 12 0
		Staff allowance .	200 0 0
		Total .	425 12 0
7. „ H. D. Daly, 42nd Gurkhas.	Chin Frontier Levy		225 12 0
		Staff allowance .	200 0 0
		Total .	425 12 0
8. „ W. G. H. Sterling, 2nd Madras Lancers.	Myadaung		225 12 0
		Staff allowance .	200 0 0
		Total .	425 12 0
9. „ C. M. Crawford, 5th Gurkhas, 2nd Battalion.	Kyauksé		225 12 0
		Staff allowance .	200 0 0
		Total .	425 12 0
10. „ R. J. R. Brown, 1st Bengal Infantry.	Magwe		225 12 0
		Staff allowance .	200 0 0
		Total .	425 12 0

Names	Appointments.	Salaries and Allowances per mensem.	R a. p.
	Police Department—*contd.*		
	Assistant Commandants of Military Police Battalions—contd.		
11. Lieut. G. G. M. Hudson, 12th Madras Infantry.	Meiktila		225 12 0
		Staff allowance .	200 0 0
		Total .	425 12 0
12. „ W. A. F. Burn, 9th Madras Infantry.	Ruby Mines. Mogôk . . .		225 12 0
		Staff allowance .	200 0 0
		Total .	425 12 0
13. „ W. A. L. Cowie, 15th Bengal Infantry.	Pakokku		225 12 0
		Staff allowance .	200 0 0
		Total .	425 12 0
14. „ N. A. Budd, 12th Bengal Infantry.	Upper Chindwin		225 12 0
		Staff allowance .	200 0 0
		Total .	425 12 0
15. „ P. T. Bell, 5th Bombay Light Infantry.	Mandalay		225 12 0
		Staff allowance .	200 0 0
		Total .	425 12 0
	Naib Commandants.		
1. Subr.-Major Sunta Singh .	Shan States Levy. Fort Stedman .		300 0 0
2. Subadar Gopal Singh, 44th Rattray's Sikhs.	Ditto. Ditto .		300 0 0
	MISCELLANEOUS.		
1. Taw Sein Kho . .	Government Translator. (*On deputation*) Pay R350, rising to R500.		350 0 0
2. Mr. P. H. Ripley . .	(*Offg. Government Translator*) . .		210 0 0
		Acting allowance	60 0 0
		Total .	270 0 0
3. „ E. Forchhammer, PH.D.	Rangoon. Government Archæologist. *On deputation from 11th October 1888.*	Allowance	150 0 0
4. „ J. S. U. White, M.A.	Rangoon. Chemical Examiner. (*Temporary.*)	Allowance	150 0 0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.	R	a.	p.
	ASSAM.				
	CHIEF COMMISSIONER.				
Mr D Fitzpatrick, C.S I., C S .	Chief Commissioner		4,166	10	8
„ C. J. Lyall, M.A., LL D., C I.E., C.S.	Secretary to the Chief Commissioner . (*Offg. Judge and Commr., of the Assam Valley Districts, from 16th July 1888.*)	Pay .	2,000	0	0
		Acting allowance.	500	0	0
		Fixed travelling allowance	250	0	0
		Total .	2,750	0	0
„ F. C. Daukes, C S. . .	Deputy Commissioner, 1st Grade, Assam (*Offg. Secy. to the Chief Commr., Assam.*)		1,833	5	4
		Acting allowance .	166	10	8
		Total .	2,000	0	0
„ P. G. Melitus, C.S. .	Offg. Assistant Secretary to the Chief Commissioner.	Pay .	700	0	0
Captain H. R. Browne, B S C.	Personal Assistant to the Chief Commissioner.	„ .	700	0	0
Mr. H Luttman-Johnson, C S.	(*Furlough for one year and 6 months, from 31st July 1888*)				
„ H. R. Greaves, C.S. .	Civil and Sessions Judge of Sylhet and Sessions Judge of Cachar.	„ .	2,000	0	0
	DEPUTY COMMISSIONERS (13).				
	1st Grade, 3 on R1,833-5-4 each per mensem.				
Mr. A. C. Campbell .	Kamrup, Gauhati. (*Privilege leave, three months, from July 1889.*)		1,833	5	4
„ F. C. Daukes, C.S. .	(*Offg. Secy to Chief Commr. of Assam.*)	Pay . .	1,833	5	4
		Acting allowance	166	10	8
		Total .	2,000	0	0
Mr. H. C. Williams, C S. .	Inspector-General of Police, Jails and Registration, Superintendent of Stamps, and Commissioner of Excise, from 15th September 1885.		1,833	5	4
	2nd Grade, 4 on R1,666-10-8 each per mensem.				
„ J. Knox-Wight, C.S., B A. .	Sibsagar. (*Offg. Deputy Commr., 1st Grade, from 16th April 1889*) *Granted privilege leave for three months.*)	Pay .	1,666	10	8
		Acting allowance .	166	10	8
		Total .	1,833	5	4

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	ASSAM—*contd.*				
	Deputy Commissioners (13)—*contd.*				
	2nd Grade, 4 on R1,666-10-8 each per mensem—contd.				
Mr. G. Godfrey, C.S.	Goalpara, Dhubri. (*Offg. Depy. Commr., 1st Grade, from 12th June 1889*)	Pay	1,666	10	8
		Acting Allowance	166	10	8
		Emigration allowance	50	0	0
		Total	1,883	4	8
Major H. St. P. Maxwell	Deputy Commr., Khasi and Jaintia Hills, Shillong.	Pay	1,666	10	8
Mr. J. J. S. Diiberg	Deputy Commr., Luckhimpur, Dibrugurh.	„	1,666	10	8
	3rd Grade, 3 on R1,333-5-4 each per mensem.				
„ J. Kennedy, C.S.	Sylhet. (*Offg. Deputy Commr., 2nd Grade, from 16th April 1889.*)	Pay	1,333	5	4
		Acting allowance	333	4	5
		Total	1,666	9	9
„ G. E. McLeod	Nowgong. (*Offg Deputy Commr., 2nd Grade, from 13th June 1889.*)	Pay	1,333	5	4
		Acting allowance	333	4	5
		Total	1,666	9	9
Major M. A. Gray, B.S.C.	Deputy Commr., Garo Hills. Tura	Pay	1,333	5	4
	4th Grade, 3 on R1,000 each per mensem.				
Mr. J. D. Anderson, C.S.	Cachar, Silchar(*Offg. Depy. Commr., 3rd Grade, from 31st May 1889.*)	Pay	1,000	0	0
		Acting allowance	266	10	8
		Total	1,266	10	8
„ R. B. McCabe, C.S.	Darrang, Tezpur. (*Offg. Depy. Commr 3rd Grade from 13th June 1889.*)	Pay	1,000	0	0
		Acting allowance	266	10	8
		Total	1,266	10	8
„ F. St. Clair Grimwood, C.S., M.A.	Political Agent, Manipur	Pay	1,000	0	0
		Local allowance	150	0	0
		Total	1,150	0	0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.	R	a.	p.
	ASSAM—*contd.*				
	ASSISTANT COMMISSIONERS (23).				
	1st Grade, 5 on R800 each per mensem.				
1. Mr. A. Porteous, C.S.	Offg. Deputy Commissioner, Naga Hills. Kohima, from 21st May 1888.	Pay	800	0	0
		Acting allowance	200	0	0
		Total	1,000	0	0
2. „ J. C. Arbuthnott, C.S.	Assistant Commissioner, Sibsagar. (*Offg. Deputy Commr., 4th Grade, from 2nd July 1889.*)	Pay	800	0	0
		Acting allowance	200	0	0
		Total	1,000	0	0
3. „ R. S. Greenshields, C.S.	Ditto ditto, Shillong	Pay	800	0	0
4. „ R. R. Pope, C.S.	(*Furlough for 19 months, from 28th April 1888.*)				
5. Capt. P. E. Henderson, B.S.C	Jorhat	„	800	0	0
	2nd Grade, 7 on R700 each per mensem.				
1. Mr. P. G. Melitus, C.S.	Shillong. (*Offg. Asst. Secy. to the Chief Commr.*)	„	700	0	0
2. „ A. F. Steinberg, C.S.	North Lukhimpur (*Offg. Asst. Commr., 1st Grade, from 15th May 1888.*)	„	700	0	0
		Acting allowance	100	0	0
		Total	800	0	0
3. „ A. W. Davis, C.S.	Naga Hills. (*Offg. Asst. Commr., 1st Grade, from 27th April 1889.*)	Pay	700	0	0
		Naga Hills allowance	100	0	0
		Total	800	0	0
4. Capt. H. R. Browne, B.S.C.	Shillong. *Personal Assistant to the Chief Commissioner.* (*Offg. 1st Grade, from 13th June 1888.*)	Pay	700	0	0
		Acting allowance	100	0	0
		Total	800	0	0
5. Mr. W. Teunon, C.S.	Cachar, Hailakandi	Pay	700	0	0
6. „ E. A. Gait, C.S.	Assistant Commissioner, Kamrup. (*Offg. Deputy Commr., 4th Grade.*)	„	700	0	0
		Acting allowance	200	0	0
		Total	900	0	0
7. Vacant..					

Names.	Appointments.	Salaries and Allowances per mensem.			
	ASSAM—*contd.*			*R* *a.* *p.*	
	Assistant Commissioners (25)—*contd.*				
	3rd Grade, on R500 each per mensem.				
1. Mr. J. L. Herald, C.S.	South, Sylhet. (*Offg. Asst. Commr., 2nd Grade, from 12th October 1888.*)	Pay Acting allowance Total		500 0 0 200 0 0 700 0 0	
2. Lieut. C. G. M. Kennedy	Goalpara. *Temporarily.* (*Offg. Asst. Commr., 2nd Grade, from 24th April 1888.*)	Pay Acting allowance Total		500 0 0 200 0 0 700 0 0	
3. Mr. G. Gordon, C.S.	Kamrup, Gauhati. (*Offg. Asst. Commr., 2nd Grade, from 16th April 1889.*)	Pay Acting allowance Total		500 0 0 200 0 0 700 0 0	
4. „ C. W. E. Pittar, C.S.	Habiganj. (*Offg. Asst. Commr., 2nd Grade, from 19th April 1889.*)	Pay Acting allowance Total		500 0 0 200 0 0 700 0 0	
5. „ W. B. Brown, C.S.	Nowgong	Pay		500 0 0	
6. „ W. H. Cossins, C.S.	Sylhet, Karimganj. (*Offg. Asst. Commr., 2nd Grade, from 13th June 1889.*)	Pay Acting allowance Total		500 0 0 200 0 0 700 0 0	
7. „ H. E. Ransom, C.S.	Darrang, Maugaldai	Pay		500 0 0	
8. Lieut. P. R. T. Gurdon, B.S.C.	Sibsagar, Golaghat	„		500 0 0	
9. Mr. H. LeMessurier, C.S.	Sylhet	„		500 0 0	
10. „ F. C. Henniker, C.S.	Sibsagar	„		450 0 0	
11. Lieut. A. A. Howell, B.S.C.	Sibsagar	„		400 0 0	
12. „ F. Twiddell, B.S.C.	Cachar, Silchar	„		400 0 0	
13. Vacant.					
	Extra Assistant Commissioners (29).				
	5th Grade, 2 on R600 each per mensem.				
1. Rai Gunabhiram Sarma Barua, Bahadur.	Nowgong	Pay		600 0 0	
2. Mr. R. Lea	Dibrugarh	„		600 0 0	

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	ASSAM—*contd.*				
	Extra Assistant Commissioners (29)—*contd.*				
	4th Grade, 5 on R500 each per mensem.				
1. Babu Harish Chandra Chaki	Kamrup, Gauhati	Pay	500	0	0
2. „ Raj Mohan De.	Sylhet, Sunamganj	„	500	0	0
3. Rai Sarat Chandra Banerji, Bahadur, M.A., B.L.	Cadastral Survey Settlement Officer	„	500	0	0
4. Mr. W. G. Black	Cachar, Silchar	„	500	0	0
5. Babu Chandra Nath Nandi	Sylhet	„	500	0	0
	3rd Grade, 10 on R400 each per mensem.				
1. Babu Siva Prasad Chakravarti.	Kamrup, Gauhati	Pay	400	0	0
2. „ Ishan Chandra Patranavis.	Sylhet, Sadr	„	400	0	0
3. „ Jagat Chandra Das, B.L.	Sibsagar	„	400	0	0
4. Maulavi Hamid Bakht, Mazumdar.	Sylhet, Sadr	„	400	0	0
5. Babu Shambhu Narayan Singh.	Ditto, Karimganj	„	400	0	0
6. „ Guru Prasad Das	Kamrup, Barpeta	„	400	0	0
7. Rai Jogesh Chandra Chatterji, Bahadur, M.A., B.L.	Sibsagar	„	400	0	0
8. Babu Haliram Barua	Nowgong	„	400	0	0
9. „ Ram Gopal Khan, B.A., B.L.	Goalpara, Dhubri	„	400	0	0
10. Munshi Azizar Rahman	Sibsagar	„	400	0	0
	2nd Grade, 7 on R300 each per mensem.				
1. Babu Jagat Bandhu Nag, B.L.	Cachar, Silchar	Pay	300	0	0
2. „ Jiban Rai	Khasia and Jaintia Hills, Shillong	„	300	0	0
3. Maulavi Najmul Hossein Ahmad.	Darrang, Mangaldai	„	300	0	0
4. Babu Madhav Chandra Baidoloi, L.L.	Darrang, Tezpur	„	300	0	0
5. Mr. Manmatha Nath Ghose, M.A., B.L.	Sylhet, Maluvi Bazar	„	300	0	0
6. Babu Prasanna Kumar Ghose.	Sibsagar, Golaghat	„	300	0	0
7. „ Kedar Nath Sanyal, B.A.	Sylhet, Habiganj	„	300	0	0
	1st Grade, 5 on R250 each per mensem.				
1. Babu Nityagopal Chatterji, B.L.	Cachar, Silchar	Pay	250	0	0
2. „ Gour Charan Das	Sylhet	„	250	0	0
3. Mr. C. J. F. More	Sibsagar, Jorhat	„	250	0	0

Names.	Appointments.	Salaries and Allowances per mensem.			
	ASSAM—*contd.*		*R*	*a.*	*p.*
	Extra Assistant Commissioners (29)—*contd.*				
	1st Grade, 5 on R250 each per mensem—contd.				
4 Babu Kali Ram Chaudhuri, B.A., B.L.	Kamrup, Barpeta	Pay .	250	0	0
5. „ Prakash Chandra Datta.	Kamrup, Gauhati. Superintendent, Assam Valley Districts, Commissioner's Office,	„ .	250	0	0
6. „ Parsu Ram Khaund	Lakhimpur, Dibrugarh . . .	„ .	250	0	0
7. „ Jay Chandra Mitter . (*Offg.*)	Cadastral Survey Settlement Office .	„ .	175	0	0
		Acting allowance .	75	0	0
		Total .	250	0	0
8. „ Lilaram Dass (*Offg.*)	Extra Assistant Commissioner . .	Pay .	150	0	0
		Acting allowance.	50	0	0
		Total .	200	0	0
	Sub-Deputy Collectors.				
	1st Grade, 2 on R200 each per mensem.				
1. Babu Akshay Kumar Chatterji.	Sylhet, Sunamganj	Pay .	200	0	0
2. „ Sarut Chundra Mazumdar.	Sibsagar, Golaghat . . .	„ .	200	0	0
	2nd Grade, 3 on R175 each per mensem.				
3. Babu Mahim Chandra Chakravarti.	Darrang, Tezpur	Pay .	175	0	0
4. „ Jai Chundra Mitra .	Jorhat. (*Offg. Extra Asst. Commr., 1st Grade.*)	„ .	175	0	0
		Acting allowance .	75	0	0
		Total .	250	0	0
5. „ Chandra Kanta Sen .	Kamrup	Pay .	175	0	0
	3rd Grade, 4 on R150 each per mensem.				
1. Babu G. C. P. Bhuyan .	Sibsagar, Golaghat	Pay .	150	0	0
2. „ Lakshmi Nath Kakati	Sibsagar, Jorhat	„ .	150	0	0
3. „ Phanidhar Chaliha .	Darrang, Mangaldai	„ .	150	0	0
4. „ Dakshina Charan Sen.	Cachar	„ .	150	0	0
	4th Grade, 4 on R125 each per mensem.				
1. Munshi Mashiat Ulla .	Nowgong	Pay .	125	0	0
2. Babu Krishna Chandra Chaudhuri.	Lakhimpur	„ .	125	0	0
3. Vacant.					
4. Vacant.					

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.	R	a.	p.
	ASSAM—*contd.*				
	SUB-DEPUTY COLLECTORS—*contd.*				
	5th Grade, on R100 per mensem.				
Moonshi Muhammad Hamid .	Cachar, Hailakandi. (*On probation*) .	Pay .	100	0	0
Babu Rasik Lal Sen, B.A. .	Dhubri. (*On probation*) . . .	„ .	100	0	0
„ Bhola Nath Das .	Jorhat. (*Ditto*) . . .	„ .	100	0	0
„ Raman Krishna Sarma Biswas.	Dibrugarh. (*Ditto*)	„ .	100	0	0
	TAHSILDARS.				
	1st Grade, on R200 per mensem.				
Babu Gobinda Ram Chaudhuri.	Kamrup, Palasbari	Pay . .	200	0	0
	2nd Grade, on R175 per mensem.				
	(*Nil.*)				
	3rd Grade, on R150 per mensem.				
Babu Dambarudhar Borkagati.	Kamrup, Panbari	Pay	150	0	0
	4th Grade, on R125 per mensem.				
Babu Radha Nath Barua .	Kamrup, Rangia . . .	Pay .	125	0	0
„ N. C. Biswas . .	Cachar, Silchar . . .	„ .	125	0	0
	5th Grade, on R100 per mensem.				
Babu Prithiram Chaudhuri .	Kamrup, Bajali.	Pay .	100	0	0
„ Kali Ram Chaudhri .	Chaygaon. (*On probation, on leave for 6 months*)	„	100	0	0
„ Chini Ram Das .	Chamaria (*On probation.*) . .	„ .	100	0	0
„ Jagat Bandhu Das .	Cachar, Hailakandi	„ .	100	0	0
„ Bangshidhur Sarma Barua.	Kamrup, Pati Darrang. (*On probation.*)	„ .	100	0	0
„ Purandhar Das Chaudhuri.	Darrang, Mangaldai . . .	„ .	100	0	0
„ Chaun Ram Dutta .	Kamrup, Luki.				
„ Ratneswar Goswami .	„ Hajo (*On probation*) .	„ .	100	0	0
„ Aharu Das . .	„ Tambulpur. (*Ditto*) .	„ .	100	0	0
„ Ravi Chandra Sarma .	Darrang, Tezpur	„ .	100	0	0
„ Uday Chandra Barua .	Kamrup, Nalbari. (*On probation*) .	„ .	100	0	0
„ Jibaneswar Goswami .	„ Buaroma	„ .	100	0	0
„ Dharanidhar Barua .	Darrang, Kalaigaon	„ .	100	0	0
„ Keshab Chandra Singh. (*Offg.*)	Kamrup, Chhaygaon. . .	Acting allowance .	75	0	0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.	R	a.	p.
	ASSAM—*contd.*				
	SUBORDINATE JUDICIAL SERVICE.				
	Subordinate Judge, 3rd Grade.				
Babu Jiban Krishna Chatterji.	Sylhet	Pay	600	0	0
	Munsifs, 1st Grade, R400 per mensem.				
Babu Ram Chandra Dhar.	Sylhet, Habiganj	Pay	400	0	0
„ Prem Chand Pal	„ Habiganj, 2nd Munsif	„	400	0	0
„ Kailas Chandra Mazumdar.	„ Sadr.	„	400	0	0
Maulavi Mohabat Ali	„ Karimganj	„	400	0	0
	Munsifs, 2nd Grade, R300.				
Babu Purna Chandra Dey, M.A., B.L.	Sylhet, Habiganj, 3rd Munsif	Pay	300	0	0
	Munsifs, 3rd Grade, R250.				
Babu Pran Krishna Biswas	Sylhet, Sunamganj	Pay	250	0	0
„ Akshay Kumar Mittra.	Sylhet, Sadr.	„	250	0	0
	Munsif, 4th Grade, R200.				
Babu Ashutosh Banerji, B.A., B.L.	Sylhet, Maulavi Bazar, 2nd Munsif	Pay	200	0	0
	Officiating Munsif.				
Babu Nikunja Behari Ray, B.L.	Sylhet, Maulvi Bazar	Pay	200	0	0
	JAIL DEPARTMENT.				
Mr. H. C. Williams, C.S.	Inspector General of Jails. He is also Inspector General of Police.				
	SUPERINTENDENTS OF JAILS.				
Surgeon J. W. V. Macnamara	Sylhet	Jail allowance in addition to pay as Civil Surgn.	100	0	0
S. C. Nandi	Gauhati	Pay in addition to pay as Civil Surgeon.	75	0	0
Surgeon Major S. Borah	Tezpur	Pay	75	0	0
	Supdt. of Tezpur Lunatic Asylum	„ In addition to pay as Civil Surgn.	150	0	0
		Total	225	0	0
The Deputy Commissioner	Khasi and Jaintia Hills, Shillong.				

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.	R	a.	p.
	ASSAM—*contd.*				
	EDUCATION DEPARTMENT.				
Mr. J. Willson, M.A. . .	Director of Public Instruction, Assam, 3rd Class, Bengal Education Department, Offg. 2nd Class, from 13th April 1889; also Registrar of Books under Act XXV of 1867.	Pay .	1,000	0	0
		Acting allowance .	50	0	0
		Total .	1,050	0	0
	Deputy Inspectors of Schools (4).				
	1st Grade (1) on R200 per mensem.				
Babu Nava Kisor Sen . .	Surma Valley	Pay	200	0	0
	2nd Grade (1) on R150 per mensem.				
Babu Hari Mohan Lahiri .	Lower Assam	Pay .	150	0	0
	3rd Grade (2) on R125 per mensem.				
Babu Ratnadhar Datta .	Upper Assam	Pay .	125	0	0
„ Giris Chandra Datta .	Central Assam	„ .	125	0	0
	Head Masters, Government High Schools.				
Babu Durga Kumar Basu, B.A.	Sylhet	Pay .	200	0	0
„ Abhaya Charan Surma	Gauhati	„ .	180	0	0
„ Rammohan Mitra .	Dibrugarh . . . . . (*Furlough for 1 year, from 1st May 1889.*)	„ .	180	0	0
	2nd class (1) on R125, rising to R150 per mensem.				
Babu Chandra Mohan Gossami	Kohima	Pay .	150	0	0
	3rd class (4) on R100, rising to R125 per mensem.				
Babu Sosi Bhusan Datta .	Tezpur	Pay .	125	0	0
„ Mohendra Nath Datta, B.A.	Jorhat	„ .	125	0	0
„ Pfosuna Kumar Sen .	Dhubri	„ .	115	0	0
„ Obhaya Charan Das, M.A.	Cachar	„ .	115	0	0
	4th class (2) on R100 fixed pay.				
Babu Haran Chandra Das Gupta.	Dibrugarh	Pay .	100	0	0
„ Kalimohan Das . .	Offg. Head Master . .	„ .	75	0	0
„ Rajani Kanta Basu .	Sibsagar, on probation	„ .	100	0	0
„ Sarat Chandra Ganguli .	Offg. Head Master . . .	„ .	75	0	0

Names.	Appointments.	Salaries and Allowances per mensem.			
	ASSAM—*contd.*		*R*	*a.*	*p.*
	Education Department—*concld.*				
	Head Masters of Government Normal School.				
	(1) R200 per mensem.				
Revd. J. C. Evans	Cherrapunji	Pay	200	0	0
	(1) on R100 per mensem.				
Babu Brajapati Banerji	Gauhati	Pay	100	0	0
	Medical Department.				
Depy. Surgn.-Genl. C. P. Costello, F.R.C.S.E.	Sanitary Commr. of Assam	Pay	1,800	0	0
Surgeon-Major S. Borah, M.B.	Civil Surgeon, Tezpur	Pay	750	0	0
		Superintendent, Lunatic Asylum	100	0	0
		Superintendent of Jail	75		0
		Emigration allowance	50	0	0
		Total	975	0	0
Surgeon J. Mullane, M.D.	(*Furlough for 1 year and 5 months, from 29th May 1888.*)				
„ R. N. Campbell, M.B.	Shillong	Pay	550	0	0
„ J. W. N. Macnamara, M.D.	Sylhet	„	550	0	0
		Jail allowance	150	0	0
		Total	700	0	0
„ R. R. H. Whitwell, M.B.	(*Furlough on medical certificate for 1 year, from 1st January 1889.*)				
„ E. F. H. Dobson, M.B.	Dhubri	Pay	550	0	0
		Emigration allowance	100	0	0
		Meteorological allowance	30	0	0
		Total	680	0	0
„ Hem Chundra Banerji (*Offg.*)	Sibsagar	Pay	392	5	2
		Acting allowance	100	0	0
		Total	492	5	2

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	ASSAM—*contd.*				
	Medical Department—*contd.*				
Surgeon S. C. Nandi, M.B. (*Offg.*)	Gauhati	Pay .	392	5	2
		Acting allowance .	175	10	0
		Emigration allowance .	50	0	0
		Total .	617	15	2
„ J. T. Daly, M.B. (*Offg.*)	Debrugarh	Pay .	268	10	0
		Acting allowance .	100	0	0
		Emigration allowance .	50	0	0
		Total .	418	10	0
„ W. W. White, M.D., M.C.H.	Kohima. In medical charge . .	Charge allowance . .	100	0	0
„ T. D'O. Partridge .	Cachar	Pay .	700	0	0
		Emigration allowance .	50	0	0
		Total .	750	0	0
Pyari Mohun Gupta, M.B., C.M.	Garo Hills. (*On leave*) . . .	Pay .	350	0	0
Apothecary J. McNaught .	Nowgong. Passed in Garo language .	„ .	450	0	0
Asst. Surgn. Narayan Chandra Basu.	Silchar	„ .	100	0	0
		Emigration allowance .	50	0	0
		Total .	150	0	0
„ Atul Chandra Ray	Garo Hills	Pay .	100	0	0
		Acting allowance .	100	0	0
		Garo Hills allowance .	100	0	0
		Total .	300	0	0
„ Mahendra Nath Datta.	Dibrugarh	Pay .	100	0	0
„ Tamiz Uddin Ahmed, M.B.	Kohima	„ .	100	0	0
		Naga Hills allowance .	100	0	0
		Total .	200	0	0

Names.	Appointments.	Salaries and Allowances per Mensem.
		₹ a. p.
	Ecclesiastical Department.	
Revd. J. H. Taylor . .	Junior Chaplain, Shillong and Gauhati .	Pay . 800 0 0
		Shillong and Gauhati allowance for 6 months . 150 0 0
		Total . 950 0 0
	Other Clergymen receiving allowances from Government.	
Revd. T. T. Crossfield . .	Minister, Cachar	Pay . 150 0 0
„ D. J. Flynn .	„ Tezpur	„ . 100 0 0
„ C. Dowding .	„ Dibrugarh . . .	„ . 150 0 0
	Ministers licensed to solemnize marriages under Clause 3, Section 5, Act XV of 1872.	
Revd. R. E. Neighbor . .	Marriage Registrar, Nowgong. (*On furlough.*)	
„ E. W. Clark . .	Ditto, Sibsagar.	
„ S. Endle . .	Ditto, Darrang	
„ Griffith Griffiths . .	Ditto, Khasi Hills.	
Pastor Siram . . .	Ditto, Goalpara.	
Revd. P. H. Moore . .	Ditto, Nowgong.	
	Missionaries with powers under Section 9, Act XV of 1872.	
Revd. T. Jerman Jones .	Marriage Registrar, Khasi Hills.	
„ J. Roberts . .	Ditto, Ditto.	
„ U. Don Ray . .	Ditto, Ditto.	
„ John Jones . .	Ditto, Ditto.	
„ P. H. Moore . .	Ditto, Nowgong.	
„ Tuni J. Goldsmith . .	Ditto, Ditto.	
Ram Khe Garo	Ditto, Garo Hills.	
Revd. A. K. Gurney . .	Ditto, Sibsagar.	
„ M. C. Mason . .	Ditto, Garo Hills.	
„ E. G. Phillips . .	Ditto, Ditto.	
Malgong Garo . . .	Ditto, Ditto.	
Revd. William Williams .	Ditto, Khasi Hills.	
„ R. Evans	Ditto, Ditto.	
„ C. L. Stephens . . .	Ditto, Ditto.	
Pastor Siram . . .	Ditto, Goalpara.	
Sanatan Shom . . .	Ditto, Sylhet.	
Revd. C. D. King . .	Ditto, Naga Hills.	
„ W. E. Witter . .	Ditto, Sibsagar. (*On leave.*)	
„ S. W. Rivenburg .	Ditto, Kohima.	
U. Dorkha . . .	Ditto, Khasi and Jaintia Hills.	
Jang Lalu . . .	Ditto, Jowai and Jaintia Hills.	
Dr. A. D. Hughes . .	Ditto, Mauphlang.	
U. Sati Kyngon . . .	Ditto, Monnai.	
Rankhu Garo . . .	Ditto, Rewak, Garo Hills.	
Towang Garo . . .	Ditto, Chatchalija, Garo Hills.	
Revd. Kandura R. Smith .	Ditto, Kamrup.	

Names	Appointments.	Salaries and Allowances per mensem.
	ASSAM—*contd.*	
	ECCLESIASTICAL DEPARTMENT—*contd.*	
	Ministers licensed to solemnize marriages under Sec. 6, Act XV of 1872.	
Revd. Issac P. Row . .	Marriage Registrar within Province of Assam.	
„ T. Jerman Jones .	Ditto ditto.	
„ John Pegwern Jones	Ditto ditto.	
U. Ksan . . .	Marriage Registrar, Khasi and Jaintia Hills.	
Revd. Kandura R. Smith .	Ditto Kamrup.	
	Marriage Registrars under Act XV of 1872.	
	(All Deputy Commissioners of the Province.)	
Revd. T. Jerman Jones	Marriage Registrar, Khasi and Jaintia Hills.	
„ C. L. Stephens . .	Ditto, ditto.	
„ J. Roberts . .	Ditto, ditto.	
„ Griffith Griffiths . .	Ditto, ditto.	
„ R. Evans . . .	Ditto, ditto.	
„ J. C. Evans . .	Ditto, ditto.	
„ U. Don Ray . .	Ditto, ditto.	
	Marriage Registrars under Act III of 1872.	
	(All Sub-Registrars at Sadr Stations.)	
Revd. T. Jerman Jones .	Marriage Registrar in all such portions of the Khasi Hills as are not included in British India.	
„ C. L. Stephens . .	Ditto ditto.	
„ J. Roberts . .	Ditto ditto.	
„ Griffith Griffiths . .	Ditto ditto.	
„ R. Evans . . .	Ditto ditto.	
„ J. C. Evans . .	Ditto ditto.	
„ U. Don Roy . .	Ditto ditto.	
„ T. Jerman Jones . .	Authorised under Sec. 9, Act XV of 1872 to grant certificates of marriages in all such portions of the Khasi Hills District as are not included in British India.	
„ C. L. Stephens . .	Ditto ditto.	
„ Griffith Griffiths . .	Ditto ditto.	
„ R. Evans . . .	Ditto ditto.	
„ W. Williams . . .	Ditto ditto.	
„ John Jones . . .	Ditto ditto.	
„ U. Don Ray . .	Ditto ditto.	
Dr. A. D. Hughes . .	Ditto ditto.	
U. Sati Kyngor . . .	Ditto ditto.	
U. Jura	Ditto ditto.	
U. Dorkha	Ditto ditto.	
U. Jang Lalu . . .	Ditto ditto.	
Revd. J. Roberts	Ditto ditto.	
„ J. C. Evans . .	Ditto ditto.	

Names.	Appointments.	Salaries and Allowances per mensem.			
	ASSAM—*contd.*			*R a. p.*	
	Police Department.				
Mr. H. C. Williams, C.S.	Inspector General of Police, Assam	Pay		1,833	5 4
	Commandants, Military Police, Assam.				
Lieut. R. M. Maxwell, B S.C.	Lakhimpur.				
„ D. C. F. Macintyre, B.S.C.	Naga Hills. On Medical Leave	Pay		525	12 0
		Naga Hill allowance		100	0 0
		Total		625	12 0.
	District Superintendents of Police.				
	1st Grade, on R1,000 per mensem.				
Mr. W. W. Daly	Cachar. Services Temporarily placed at the disposal of the Government of Bengal.	Pay		1,000	0 0
	2nd Grade.				
	Nil.				
	3rd Grade, on R700 per mensem.				
Mr. D. W. Ritchie	Sylhet	Pay		700	0 0
„ A. E. C. Bolst	Goalpara	„		700	0 0
	4th Grade, on R600 per mensem.				
Mr. W. B. Savi	Commandant, Military Police, Garo Hills	Pay		600	0 0
		Local allowance		100	0 0
		Charge allowance		100	0 0
		Total		800	0 0

Names.	Appointments.	Salaries and Allowances per mensem.	R a. p.
	ASSAM—*contd.*		
	Police Department—*contd*		
	5th Grade, on R500 per mensem.		
Mr. L. E. Fabre-Tonnerre .	Sibsagar. (*Offg. 4th Grade, from 13th December 1888.*)	Pay	500 0 0
		Acting allowance .	100 0 0
		Total .	600 0 0
	Assistant Superintendents of Police (6)		
	1st Grade, on R400 per mensem.		
Mr. W. B. Waller . .	Dariang .	Pay .	400 0 0
„ E. Muspratt . .	Naga Hills. Commandant, Military Police. (*Officiating.*)	„ .	400 0 0
		Special allowance .	100 0 0
		Naga Hills allowance	100 0 0
		Total .	600 0 0
	2nd Grade, on R300 per mensem.		
Mr. L. St. J. Brodrick . .	(*Leave on private affairs 1 year and 6 months, from 23rd June 1888.*)		
„ E. C S. Baker .	In Charge, North Cachar Sub-division. (*Leave for 6 months from 14th May 1889. Offg. 1st Grade, from 27th July 1886.*)	Pay .	300 0 0
		Acting allowance	100 0 0
		Local allowance	150 0 0
		Total .	550 0 0
„ F. A. Fullerton . .	Cachar. (*Offg. 1st Grade, from 8th November 1886.*)	Pay .	300 0 0
		Acting allowance .	100 0 0
		Total .	400 0 0
	3rd Grade on R250.		
„ A. B. C. Combei	(*Offg.*) Kamrup	Pay .	250 0 0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	ASSAM—*concld.*	
	REGISTRATION DEPARTMENT.	
Mr H. C. Williams, C.S.	Inspector General of Registration.	
	The Inspector General of Registration is Registrar of Joint Stock Companies, and also Inspector General of Police.	
	The Inspector General of Registration Offices, Assam, is also Sub-Registrar of Shillong, and Assistant Registrar of Joint Stock Companies.	
	Registrars.	
	(All Deputy Commissioners in their respective districts.)	
	COORG.	
Col. Sir O. B. C. St. John, K.C.S.I., R.E.	Chief Commissioner and Judicial Commissioner of Coorg.	No salary or allowance paid to this officer from the revenues of Coorg.
Mr. J. A. Crawford, B.C.S.	Secretary.	Allowance ₹ 250 0 0
Col. T. G. Clarke, M.S.C.	Commissioner of Coorg	Salary 1,500 0 0
Mr. B. C. Leggatt	1st. Asst Commissioner and District Magistrate of Coorg	„ 760 0 0
„ K. Ganapathy (Uncov.)	2nd Asst. Commissioner	„ 300 0 0
Surgeon J. C. Marsden	Civil Surgeon and Supdt. of Mercara Jail	Salary ₹550+50 Jail allowance.
Mr. E. Marsden, B.A. (Uncov.).	Inspector of Schools in Coorg	„ ₹750*
	HYDERABAD.	
	JUDICIAL.	
Mr. R. Obbard, B.C.S.	Special Assistant Commissioner (*Offg. Deputy Commissioner, 3rd Class*)	₹1,000
Captain W. Hastings, B.S.C.	Ditto ditto. (*On furlough.*)	
„ J. G. Morris, M.S.C.	Assistant Commissioner, 1st Class. *Offg.* Special Assistant Commissioner.	„ 1,000 including acting allowance.
Mr. C. A. W. Davies (Uncov.)	Assistant Commissioner, 1st Class. *Offg.* Special Assistant Commissioner.	„ 1,000 includes acting allowance.
Captain R. V. Garret, B.S C.	Asst. Commr., 3rd Class, *Offg.* 2nd Class and Judge, Small Cause Court, Kamgaon.	„ 700, including acting allowance.
Rao Bahadur Purshottam Rao Narayan (Uncov.)	Ex. Assistant Commissioner, 1st Class Judge, Small Cause Court, Amraoti.	„ 600
Mr. Mancksha Ruttonji Dastur (Uncov.)	Ex. Assistant Commissioner, 5th Class and Judge, Small Cause Court (Akola).	„ 250
	JAILS, REGISTRATION AND STAMPS.	
Col. C. T. Lane, B.S.C.	Inspector-General of Jails, Registration, Police, and Stamps.	₹1,600 includes personal allowance.

* One sixth of the salary is paid from Coorg Revenue.

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	HYDERABAD—*contd.*	
	SANITATION AND MEDICAL.	
Surgn.-Major C. Little, M.D.	Sanitary Commissioner, Inspector-General of Dispensaries, and Superintendent of Vaccination. (*On privilege leave.*)	R1,200
R. B Roe	Civil Surgeon, Amraoti. In charge current duties of office of Sanitary Commissioner, Inspector-General, Registration and Superintendent of Vaccination.	„ 820 includes Jail and charge allowances.
Surgeon E W. Reilly	Civil Surgeon, Akola	„ 700 ditto Jail ditto.
Senr. Apothecary D. Callaghan	Ditto, Buldana	„ 500 includes Jail allowance.
Surgeon F. J. Doyle	Ditto, Ellichpur	„ 150 (allowance for Civil duties and charge of Jail, exclusive of mily. pay).
Apothecary O. W. Jones, M.D.	Ditto, Basin	„ 400 includes Jail allowance
J. Morrison	Ditto, Yeotmal	„ 400 includes Jail and acting allowance.
	EDUCATION.	
Rao Br. Shriram Bhikaji Jatar B.A. (Uncov.)	Director of Public Instruction. (*On furlough.*)	R1,000
Mr. G. C. Aitken	*Offg.* Director of Public Instruction and also in charge of duties of Educational Inspector.	„ 800 including acting allowance.
Mr. Vishnu Moreshwar Mahajani, M.A. (Uncov.)	Inspector of Schools	„ 350*
	POLICE.	
Lieut.-Col. C. T. Lane, B.S.C.	Inspector-General of Police	R1,600 includes personal allowance.
	District Superintendents.	
Mr. F. Wright (Uncov.)	District Superintendent, 1st Class. (*On privilege leave.*)	R1,000
„ N. R. Cumberlege (Uncov.)	District Superintendent, 2nd Class. (*On furlough.*)	
Lieut.-Col. E. J. Gunthorpe, M.S.C.	Ditto ditto, 3rd Class. (*Offg. 1st Class.*)	R1,150 includes acting, personal and Railway allowances.
Mr. H. A. Heath	Ditto ditto (*Offg. 2nd Grade.*)	„ 800 includes acting allowance.
„ E. W. D. Moffat	Ditto ditto, 4th Grade. (*Offg. 3rd Grade*)	„ 700 includes acting allowance.
„ H. F. Cotgrave (Uncov.)	Ditto ditto, ditto	„ 700
„ C. A. Fraser	Assistant District Superintendent, 1st Grade. (*Offg. Dist. Supdt., 4th Class.*)	„ 600 includes acting allowance.
„ Yezdiar R. Viccaji	Assistant Superintendent, 1st Grade. (*Offg. Dist. Supdt., 4th Class.*)	„ 600 ditto ditto.
„ J. T. B. D. Sewell	Ditto ditto, 2nd Grade (*Offg. 1st Grade.*)	„ 400 includes acting allowance + 30 horse allowance.
„ F. T. Coode	*Offg.* Asst. Supdt., 2nd Grade	„ 300

* R300, rising to R500.

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	PORT BLAIR AND THE NICOBARS.	
	1 Chief Commissioner and Superintendent at R2,500, rising to R3,000 per mensem by R100 annually.	
Col. T. Cadell, v.c. . .	Chief Commissioner and Superintendent	R3,000
	1 Depy. Supdt. at R1,000, rising to R1,500 per mensem by R100 annually.	
1. Capt. H. M. Thorpbill .	Deputy Superintendent - . . .	R1,000
	1st Asst. Supdt., 1 at R850, rising to R1,000 per mensem by R50 annually.	
1. Mr. E. H. Man .	1st Asst. Superintendent. (*On privilege leave.*)	
	2nd Asst. Supdt., 1 at R700, rising to R850 per mensem by R50 annually.	
1. Mr. F. E. Tuson . .	2nd Asst. Supdt. (*On sick leave*).	
	3rd Asst. Supdt., 1 at R500, rising to R700 per mensem by R50 annually.	
1. Mr. O. H. Brookes . .	3rd Asst. Superintendent. (*Offg. 1st Assistant Superintendent.*)	R700 + 50
	Extra Asst. Supdts., 1st Class, 2 at R400, rising to R600 per mensem by R25 annually.	
1. Mr. H. Godwin-Austen .	Extra Asst. Supdt., 1st Class. (*Offg. 2nd Asst. Supdt.*)	R500 + 80
2. „ M. V. Portman .	Ditto, . ditto. (*Offg. 3rd Asst. Supdt.*)	„ 500
	Extra Asst. Supdts., 2nd Class, 3 at R250, rising to R400 per mensem by R25 annually.	
1. Mr. W. Jessop . .	Extra Asst. Supdt., 2nd Class. (*Offg. Extra Asst. Supdt., 1st Class.*)	R410
2. „ R. Wimberley . .	Extra Asst. Supdt., 2nd Class. (*Offg. Extra Assistant Superintendent, 1st Class.*)	„ 350
3. „ T. J. M. Metcalfe .	Ditto ditto. (*On deputation to Burma.*)	
Mohamad Ashik Ali Khan .	(*Offg.*), ditto. (*Offg. 2nd Class.*)	„ 250

Names.	Appointments.	Salaries and Allowances per mensem.
	PORT BLAIR AND THE NICOBARS—*contd.*	
	MEDICAL.	
Surgn.-Major W. N. Keefer . .	Senior Medical Officer. (*On sick leave.*)	
Surgeon P. G. Mackenzie, M.B	*Offg.* Senior Medical Officer . .	R1,200
Mr. G. C. D. Gupta, L.M.S. .	Junior Medical Officer . . .	„ 150 + 75 + 150
„ A. K. Chowdhuri . .	Ditto ditto	„ 150 + 75 + 150
„ Poornoo Chunder Singh .	Ditto ditto	„ 200 + 100 + 150
	ECCLESIASTICAL.	*R a. p.*
Revd. C. H. Chard . .	Junior Chaplain	900 0 0
	POLICE.	
Capt. L. B. Linsdell . .	Dist. Supdt. of Police.	
	MISCELLANEOUS.	
The Hon. Sir Gregory Charles Paul, B.A., K.C.I.E. (*Barrister-at-Law*).	Advocate-General	3,448 8 0
Mr. A. Phillips (*Barrister-at-Law*).	Standing Counsel. (*Furlough for 1 year, from 12th April 1888.*)	
	Offg. ditto.	
Mr. R. L. Upton . .	Solicitor to Government.	
„ C. M. W. Brett, C.S. (*Barrister-at-Law*).	Registrar, High Court, Calcutta, Appellate Side.	1,700 0 0
„ R. Belchambers . .	Registrar, High Court, Calcutta, Original Side, Keeper of Records, Taxing Officer, Accountant-General, and Sealer, &c.	1,875 0 0
„ L. P. D. Broughton (*Barrister-at-Law*).	Administrator-General.	
Col. H. S. Jarrett . .	Secretary, Board of Examiners. (*Furlough for 182 days.*)	2,000 0 0
Capt. J. H Sadler . .	*Offg. ditto.*	
Surgn.-Genl. Sir Benjamin Simpson, B.A., M.D., K.C.I.E.	Sanitary Commissioner and Surgeon-General with the Government of India.	
Surgn.-Major A. Barclay, M.B.	Secy. to the Surgeon-General and Sanitary Commissioner with the Government of India.	

Names	Appointments	Salaries and Allowances per mensem
	MISCELLANEOUS—*contd.*	*R a p.*
Surgn.-Major D. Wilkie, M B	Statistical Officer to the Government of India in the Sanitary and Medical Department.	
„ S H Browne .	In joint medical charge, Simla . .	700 0 0
„ G F A Harris	Ditto ditto .	550 0 0

List of Civil Officers holding gazetted appointments under the Government of India, in the Legislative Department, as it stood on the 1st July 1889.

Names.	Appointments.	Salaries and Allowances per mensem		
		R	*a.*	*p.*
The Hon'ble A. R. Scoble, Q.C., C.S.I.	Ordinary Member of the Governor General's Council.	6,400	0	0
„ „ F. M. Halliday .	Additional Member of Council of the Governor General for making Laws and Regulations.	4,000+166	10	8
„ „ Syud Ameer Hossein, C.I.E.	Ditto ditto . . .	1,250+616	10	8
„ „ J. W. Quinton, C.S.I.	Ditto ditto . . .	3,500+616	10	8
„ „ R. J. Crosthwaite	Ditto ditto . . .	3,166-10-8+616	10	8
Mr. S. Harvey James, C.S. .	Secretary to the Government of India, in the Legislative Department.	3,500	0	0
„ J. M. Macpherson (*Barrister-at-Law*).	Deputy Secretary, ditto . . .	2,000	0	0
Col. H. S. Jarrett . .	Assistant Secretary, ditto (*on furlough*)	2,000	0	0
Capt. J. Hayes Sadler . .	Offg. Assistant Secretary, ditto.			

List of Officers holding gazetted appointments under the Government of India in the Foreign Department, as it stood on the 1st July 1889.

Names.	Appointments.	Salaries and allowances *per mensem*.
	Secretariat.	
		Rs. a. p.
Sir H. M. Durand, K.C.I.E., C.S I., C.S.	Secretary . . .	4,000 0 0
Mr. W. J. Cuningham, Bo. C. S. (Furlough to the 1st December 1889.)	*Under-Secretary* .	*1,500 0 0*
Mr. H. S. Barnes, *C.S. (Pol. Agt. 3rd Class.)*	Offg. Under-Secretary .	1,333 5 4
Mr. J. A Crawford, Bo. C.S. (Offg. Pol. Agnt., 2nd Class, Asst. to the Resdt. in Mysore, and Secy to the Ch. Com. of Coorg.	*Jr. Under Secy.* .	*1,200 0 0*
Mr. G. R. Irwin, C. S. .	Offg. Jr. Under-Secretary	1,033 5 4
Capt. W. H. Cornish, S.C. *(Pol. Asst., 2nd—sub. pro tem. Political Agent, 3rd Class.)*	Assistant Secretary .	1,000 0 0
Capt. W. H. M. Stewart, S.C. *(Offg. Pol. Asst., 3rd Class.)*	Attaché . . .	400 0 0
Vacancy	*Attache.*	
Assistant Surgeon Abdur Rahim Hakim, Khan Bahadur. *(Native Asst. to the Pol. Resdt. in the Persian Gulf.)*	Offg. Attaché . .	400 0 0

Appointments.	Names.
	Hyderabad.
Resident (Sub. *pro tem.*)	Mr. A. P. Howell, C S. . . .
1st Assistant, and Secretary for Berar, to the Resident .	Mr. F L. Petre, C.S. . . . .
2nd Assistant, and Assistant Secretary for Berar, to the Resident; and Superintendent, Residency Bazaars, and Railway Magistrate.	Major A. M. Muir, S.C. (*Cant. Magt., Secunderabad.*)
Residency Surgeon	Surgeon-Major E. Lawrie, M.B. . .

* The equivalent of
† "
‡ "

Salaries and allowances *per mensem.*			Remarks.
Rs.	*a.*	*p.*	
4,000	0	0	*Resident, 1st Class.* Sub. *pro tem.*
1,000	0	0	Special allowance.
5,000	0	0	
1,000	0	0	Offg. Political Agent, 3rd Class.
250	0	0	Local allowance as Secretary for Berar.
200	0	0	Additional allowance for the trial of Thagi cases, provided aggregate emoluments do not exceed Rs. 1,650.
1,450	0	0	
800	0	0	Offg. Political Assistant, 1st Class.
250	0	0	Temporary, local, allowance as Superintendent, Residency Bazaars.
1,050	0	0	
750	0	0	Residency Surgeon.
414	3	0	Superintendent of Vaccination.
414	3	0	Superintendent of Medical School.
427	11	1*	Attendance on Nizam and family.
256	9	10†	Surgeon, Afzalganj Hospital.
171	1	3‡	In charge, Nizam's Medical Stores.
100	0	0	Attendance upon the gazetted European members of the Nizam's service in Chudderghat.
2,433	12	2	

Halli Sicca Rs. 500
" " " 300
" " " 200

Appointments.	Names.
	Hyderabad
Assistant to the Resident, and to the General Superintendent of Operations for the Suppression of Thagi and Dakaiti.	Lieut. M. A. Tighe, M.S.C.
Extra Assistant Resident, in charge of the Residency Civil Offices and Treasury.	Mr. A. W. S. Murray
Honorary Attaché	Rustomji Faridonji
Clerk of the Resident's Court, and Government Translator.	Bandhuji Janardan Chaobal
Cantonment Magistrate, and Judge, Small Cause Court.	*Major A. M. Muir, S. C.* Lieut. L. S. Newmarch, S.C. (*Offg.*)
Assistant Cantonment Magistrate	Syed Shams-ud-din Ali Khan Bahadur
Attaché to the Resident	Hyder Ali Khan
Ditto	C. Shama Rao
Ditto	*Kumar Shree Harbhamji Hawaji*
Ditto	Mir Hashmat Ali

Salaries and allowances *per mensem*.			Remarks.
—concluded.			
Rs.	*a.*	*p.*	
500	0	0	Offg. Political Assistant, 3rd Class
40	0	0	House allowance.
540	0	0	
500	0	0	Gazetted as Assistant Commissioner, 3rd Class.
200	0	0	Wun (Yeotmal). His Highness the Nizam's Officer, temporarily appointed to the Berar Commission
400	0	0	Extra Assistant Commissioner, 3rd Class.
50	0	0	Allowance as Government Translator,
450	0	0	
1000	0	0	*Secunderabad—Offg. Political Assistant, 1st Class, and 2nd Assistant to the Resident, &c.*
500	0	0	Political Assistant, 3rd class, Secunderabad
333	5	4	Acting allowance.
833	5	4	
466	10	8	Assistant Commissioner, 2nd (Offg 1st) Class, Secunderabad.
133	5	4	Acting allowance.
600	0	0	
200	0	0	Akola.
200	0	0	Secunderabad.
.....			*On leave, without allowances.*
200	0	0	Basim.

Designation and Name.	Date of appointment to Commission.
	Berar.
Commissioner.	*One, on Rs. 2,750*
Mr. T. Chichele Plowden, C.S.	21st November 1888
Judicial Commissioner.	*One, on Rs. 2,750*
Colonel K. J. L. Mackenzie, M.S.C.	29th April 1862
Civil and Sessions Judge.	*One, on*
Col. R. Bullock, M.S.C.	*18th July 1862*
Mr. R. Obbard, C.S. (*Offg.*)	1st April 1887
Deputy Commissioners.	*1st Class, one, on Rs.*
Colonel H. C. A. Szczepanski, S.C.	10th November 1864
	2nd Class, two, on Rs.
Mr. H. B. Knowlys	*18th October 1866*
Vacancy.	
Col. F. W. Grant, S.C. (*Offg.*)	5th January 1865
Mr. H. S. Nicholetts (*Offg.*)	9th June 1865
	3rd Class, three, on Rs.
Col. E. S. Ludlow, C.I.E., M.S.C. (*Seconded.*)	*16th November 1880*
Col. F. W. Grant, S.C.	*5th January 1865*
Mr. H. S. Nicholetts	*9th June 1865*
Lieut.-Col. H. DeP. Rennick, S.C.	19th April 1869
Mr. A. Elliott (*Offg.*)	28th May 1869
Vacancy. (*Offg.*)	
Special Assistant Commissioners.	*Two, on Rs.*
Mr. R. Obbard, C.S.	*1st April 1887*
Captain W. Hastings, S C.	*7th September 1887*
Captain J. G. Morris, S.C. (*Offg.*)	4th April 1887
Mr. C. A. W. Davies. (*Offg.*)	22nd March 1855
Assistant Commissioners.	*1st Class, three, on Rs.*
Mr. A. Elliott	*28th May 1869*
Mr. A. J. Dunlop. (*Seconded*)	*1st September 1869*
Mr. R. D. Hare. (*Seconded*)	*9th November 1875*
Captain J. G. Morris, S.C.	*4th April 1887*
Mr. C. A. W. Davies.	*22nd March 1855*
Syed Shams-ud-din Ali Khan Bahadur. (*Offg.*)	9th July 1878
Muhammad Yasin Khan. (*Offg.*)	3rd May 1876
Dastur Edulji Bymonji. (*Offg.*)	15th July 1876

Date of promotion to present grade.	Remarks.
per mensem.	
21st November 1888 . .	Amraoti. Fixed travelling allowance of Rs. 250.
per mensem.	
1st July 1889 . . .	Amraoti.
Rs. 1,833-5-4 per mensem.	
1st July 1889 . . .	*Fur. to the 10th December, 1890.*
1st July 1889 . . .	Amraoti.
1,833-5-4 per mensem.	
5th February 1885 . .	Buldana.
1,666-10-8 per mensem.	
26th November 1888 . .	*Fur., m. c., to the 27th November, 1889.*
9th April 1889 . . .	Akola.
23rd May 1889 . .	Ellichpur.
1,333-5-4 per mensem.	
20th May 1887 . .	*Transferred to Foreign Service, 11th February, 1884.*
20th May 1887 . .	*Officiating 2nd Class.*
26th November 1888 . .	*Ditto.*
19th April 1889 . . .	Wun (Yeotmal).
9th April 1889 . . .	Amraoti.
1,000 per mensem.	
1st April 1887 . . .	*Officiating Civil and Sessions Judge.*
7th September 1887 . .	*Furlough to the 24th December, 1889.*
18th April 1889 . . .	Amraoti.
20th February 1889 . .	Akola.
900 per mensem.	
20th May 1887 . . .	*Officiating Deputy Commissioner, 3rd Class.*
24th November 1888 . .	*Transferred to Foreign Service, 24th May, 1883.*
26th November 1888 . .	*Ditto ditto 18th April, 1887.*
26th November 1888 . .	*Offg. Special Assistant Commissioner.*
19th April 1889 . .	*Ditto ditto.*
26th November 1888 . . .	Assistant Cantonment Magistrate, Secunderabad.
21st November 1888 . .	In charge of current duties of Deputy Commissioner, Basim.
21st May 1889 . . .	Amraoti.

Designation and Name.	Date of appointment to Commission.
	Berar
Assistant Commissioners—*concluded.*	*2nd Class, four, on Rs.*
Syed Shams-ud-din Ali Khan Bahadur	*9th July 1878*
Muhammad Yasin Khan	*3rd May 1876*
Dastur Edulji Bymonji	*15th July 1876*
Captain R. V. Garrett, S.C.	*19th June 1887*
Pandit Suraj Narayen (*Offg.*)	7th October 1881.
Vacancy. (*Offg.*)	
Vacancy. (*Offg.*)	
Vacancy. (*Offg.*)	
	3rd Class, five, on
Yar Muhammad Khan. (*Seconded.*)	*26th May 1881*
Maulavi Muhammad Nizam-ud-Din Hassan Khan. (*Seconded.*)	*11th July 1881*
Pundit Suraj Narayen	*7th October 1881*
Captain R. D. C. Davies, S.C.	19th November 1887
Mr. A. W. S. Murray	11th July 1885
Vacancy.	
Vacancy.	
Vacancy. (*Offg.*)	
Extra Assistant Commissioners.	*1st Class, two, on*
Rao Bahadur Purshottam Rao Narayan	28th September 1868
Shrikrishna Narhar	1st January 1858
	2nd Class, two, on
Vishnu Sadaseo. (*Seconded*)	—— *March 1862*
Atmaram Bhikaji	13th November 1858
Vacancy.	

Date of promotion to present grade	Remarks.
—continued.	
700 per mensem.	
18th August 1887 . . .	*Officiating, 1st Class.*
26th November 1888 . .	*Ditto.*
19th April 1889 . . .	*Ditto.*
25th January 1889 . .	*Furlough to the 30th June, 1890*
1st February 1889 . .	Basim
Rs 500 per mensem.	
26th May 1881 . . .	*Transferred to Foreign Service, 1st April, 1887.*
1st September 1887 . .	*Judicial Assistant Commissioner, Ajmere, 7th February 1889.*
26th November 1888 . .	*Officiating 2nd Class.*
19th November 1887 . .	Ellichpur.
19th April 1889 . . .	Doing duty, temporarily, as Extra Assistant Resident in charge of the Residency Civil Offices and Treasury.
Rs. 600 per mensem.	
29th April 1884 . .	Judge, Small Cause Court, Amraoti.
1st April 1885 . . .	Akola (Telhara).
Rs. 500 per mensem.	
6th November 1885 . .	*Transferred to Foreign Service, 23rd December, 1888.*
6th November 1885 . .	Buldana.

Designation and Name.	Date of appointment to Commission.
	Berar
Extra Assistant Commissioners—*concluded.*	*3rd Class, five, on*
Bandhuji Janardan Chaobal	16th November 1881 . .
Munshi Ajudhia Pershad	15th September 1885 . .
Deo Rao Jeykrishna	1st January 1860 . . .
Vacancy.	
Vacancy.	
	4th Class, four, on
Vishwanath Narayan Dandekar	23rd October 1878 . . .
Mr. C. H. Price	15th September 1885 . .
Vacancy.	
Vacancy.	
	5th Class, six, on
Maniksha Ruttanji Dastur	21st September 1885 . .
Ganesh Shrikishna Khaparde	24th September 1885 . .
Ardasir Dinshaji Chenoy	23rd January 1873 . .
Waman Narayen Bapat	23rd December 1868 . .
Mr. R. MacGill	16th February 1886 . .
Kesheo Rao Jey Krishna	.....
Mr. S. H. King. (*Seconded*)	*30th January 1887* . .
Ganpat Babji Sahasrbudhe. (*Seconded*)	*11th April 1887* . . .
Ambadas Santu	1st May 1858 . . .
M. Vishwanathum Moodliar	15th February 1888 . .
Mr. E. Marshall	8th December 1888 . .

Date of promotion to present grade.	Remarks.
—concluded.	
Rs. 400 per mensem.	
6th November 1885 . .	Hyderabad. Clerk of the Resident's Court. Allowance of Rs. 50 as Government Translator.
24th June 1886 . . .	Basim.
1st July 1887 . . .	Wun (Yeotmal).
Rs. 300 per mensem.	
27th July 1886 . . .	Ellichpur (Daryapur).
1st July 1887 . . .	Amraoti (Morsi).
Rs. 250 per mensem.	
21st September 1885 . .	Judge, Small Cause Court, Akola (Khamgaon).
24th September 1885 . .	Amraoti (Badnera).
1st April 1885 . . .	Ellichpur.
23rd January 1886 . .	Buldana (Malkapur).
16th February 1886 . .	Amraoti.
10th May 1886 . . .	Wun (Yeotmal).
30th January 1887 . .	*Treasury Officer, Quetta.*
11th April 1887 . . .	*Transferred to the Resident's Office, 14th December, 1887.*
14th December 1887 . .	Buldana.
26th November 1888 . .	Wun (Yeotmal).
8th December 1888 . .	Buldana.

Names.	Appointment.
	Mysore.
Colonel Sir O. B. C. St. John, K.C.S.I., R.E. .	*Resident of the 1st Class, Resident in Mysore, and Chief Commissioner and Judicial Commissioner of Coorg.*
Mr. J. A. Crawford, Bo. C. S. . . . . (*Jr. Under-Secretary to Government of India in the Foreign Department.*)	Assistant to the Resident in Mysore, and Secretary to the Chief Commissioner of Coorg.
Surgeon-Major P. H. Benson, M.B. (M.) (*Seconded.*)	*Residency Surgeon* . . . . .
Surgeon-Major A. F. Dobson, M.B. (M) . .	Ditto . . . . .
Colonel W. Hill, M.S.C.	Civil and Sessions Judge, Civil and Military Station of Bangalore.
Lieut.-Col. H. M. S. Magrath, M.S.C. . .	District Magistrate and Collector, and President, Municipal Commission, Civil and Military Station of Bangalore.
Mr. E. Hewetson	District Superintendent of Police, Civil and Military Station of Bangalore.
Abdul Rahman	2nd Magistrate and Munsif, Civil and Military Station of Bangalore, and in charge of Resident's Treasury.

Date of appointment.	Salaries and allowances *per mensem.*			Remarks.
	Rs.	*a.*	*p.*	
15th January 1889 .	4,000	0	0	
	500	0	0	Sumptuary allowance.
	4,500	0	0	
25th April 1889 .	1,200	0	0	Offg. Pol. Agent, 2nd Class
	250	0	0	Local allowance.
	1,450	0	0	
.....	.....			*Employed under the Mysore Government.*
16th August 1883 .	750	0	0	
	200	0	0	Allowance, from Municipality, for charge of the Bowring Hospital.
	950	0	0	
25th March 1881 .	1,200	0	0	
18th February 1887 .	1,000	0	0	
25th March 1881 .	700	0	0	
14th January 1886 .	250	0	0	

Ajmere-

Designation of appointment, and name of incumbent.	Station.	Position in graded list.	Date when appointment was first created.
Chief Commissioner.			
Colonel C. K. M. Walter, S.C.	Abu	Resident, 1st Class	1st April 1871
Commissioner.			
Colonel G. H. Trevor, M.S.C.	Ajmere	Resident, 2nd Class	1st April 1871
Assistant Commissioners.			
Captain C. Herbert, S.C.	Ajmere	Political Asst., 2nd—Offg. 1st—Class.	1st June 1877
Munshi Rai Bishen Sarup, Bahadur (*Deputy Magistrate of Kekri*).	Merwara (Beawar)	.....	1st June 1877
Cantonment Magistrates.			
Colonel W. J. W Muir, S.C.	Nusseerabad	Political Agent, 1st Cl.	1st June 1877
Colonel F. W. Bosleau, S.C. (Comdt., Deoli Irregular Force.)	*Deoli*	.....	*1st June 1887*
Captain J. A Bell, S.C. (*Offg. Commandant, Deoli Irregular Force.*) (*Offg.*)	Deoli	.....	1st June 1887
Civil Surgeon.			
Surgeon-Major J. H. Newman, M.D.	*Ajmere*	.....	*6th May 1883*
Surgeon-Major D. ffMullen, M.D. (*Offg.*) (*Resdy. Surgeon in Meywar.*)	Ajmere	.....	6th May 1883
Judicial Assistant.			
Maulavi Muhammad Nizam-ud-Din Hasan Khan (*Assistant Commissioner, 3rd class, Berar*).	Ajmere	.....	1st June 1877
Extra Assistant Commissioner, and Treasury Officer. Pandit Jia Lal.	Ajmere	.....	1st June 1877
Deputy Magistrate.			
Munshi Rai Bishen Sarup, Bahadur	*Kekri*	.....	*1st June 1877*
Munshi Allanur Khan. (*Offg.*)	Kekri	.....	1st June 1877
District Superintendent of Police.			
Mr. B. Egerton	Ajmere	.....	6th December 1861
Principal, Govt. College.			
Mr. F. L. Reid	Ajmere	.....	13th March 1868
Head Master, Govt. College.			
Mr. T. Harris, B.A.	Ajmere	.....	25th March 1851
Assistant Conservator of Forests.			
Mr. J. E. Barrott	Ajmere	.....	1st June 1877

Baroda

Names.	Appointment.
General Sir H. N. D. Prendergast, K.C.B, V.C., R.E.	*Resdt., 2nd Class, and Agent to the Governor General.*
Lieut.-Col. F. H. Jackson, Bo. Genl. List, Infy. (*Asst. at Amreli, &c.*)	Officiating
Captain J. H. Sadler, S.C.	*Assistant to the Agent to the Governor-General, and Boundary Commissioner.*
Captain G. E. H. Cates, S C.	Officiating

Merwara.

Date of incumbent's first appointment to civil employ.	Date of incumbent's appointment to present office.	Salary *per mensem*.	Remarks.
		Rs a. p.	
27th January 1857 .	1st April 1887 .	.....	The appointment is held *ex-officio* by the Governor General's Agent in Rajputana.
25th June 1862 .	31st December 1887 .	2,000 0 0	
		150 0 0	Fixed travelling allowance.*
		2,150 0 0	
9th June 1882 .	17th March 1889 .	800 0 0	
		200 0 0	Local allowance.
		1,000 0 0	
1st June 1877 .	16th March 1889 .	150 0 0	Holding charge of the current duties.
		150 0 0	Charge allowance.
		300 0 0	
8th September 1863 .	7th May 1889 .	1,500 0 0	
31st December 1884	*31st December 1884*	*50 0 0*	*In addition to regimental pay and allowances Fur, m.c., 1 year and 109 days, G G O., dated the 27th April, 1888. Extension, six mos, m.c.*
1st Oct. 1888 .	1st Oct. 1888 .	50 0 0	In addition to regimental pay and allowances.
6th September 1868 .	*21st October 1878* .	..	*Offg. Residency Surgeon, Abu, and Offg. Supdt. Genl. of Dispensaries and Vaccination in Rajputana.*
		750 0 0	Civil Surgeon.
		150 0 0	Superintendent of Jail.
		50 0 0	Fees from Government College.
		50 0 0	Fees from Mayo College
26th April 1882 .	7th May 1889	100 0 0	Medical Officer, Merwara Battalion.
		250 0 0	Allowance from Rajputana-Malwa Railway.
		1,350 0 0	
11th July 1881 .	7th February 1889 .	600 0 0	
29th November 1887 .	29th November 1887 .	300 0 0	
1st June 1877 .	*1st June 1877* .	*150 0 0*	*In charge of the current duties of the office of Assistant Commissioner Merwara.*
14th March 1889 .	14th March 1889 .	90 0 0	
17th June 1879 .	18th January 1884 .	700 0 0	
23rd June 1879 .	23rd June 1879 .	600 0	And Inspr. of Schools in Ajmere-Merwara.
31st March 1866 .	16th August 1886 .	350 0 0	
24th March 1881 . .	8th April 1888 .	450 0 0	

Date of appointment.	Salaries and allowances *per mensem*.	Remarks.
	Rs. a. p.	
18th January 1889 .	*2,500 0 0*	*Offg. Resident, 1st Class, and Offg. Agent to the Governor-General in Baluchistan.*
28th March 1889 .	1,942 10 0	
8th May 1881 .	*800 0 0*	*Offg. Assistant Secretary to the Government of India in the Legislative Department, and Secretary to the Board of Examiners, Calcutta.*
13th May 1889 .	800 0 0	

* Future incumbents, whether substantive or officiating, will receive a travelling allowance of Rs. 10 a day while on tour.

Names.	Appointment.
	Baroda—
Surgeon G. E. Fooks (*Medl. Offr., 5th Regt., Bo. Light Infy.*)	Cantonment Magistrate, Railway Magistrate, and Judge, Small Cause Court.
Lieut.-Col. F. H. Jackson, Bo. Genl. List, Infantry.	*Assistant to the Agent to the Governor-General, in charge of the Amreli Mahals.*
Major F. W. Snell, Bo. S. C. . . .	Officiating . . . . .
Colonel W. A. Salmon, Bo. S.C. . .	*Assistant to the G.-G.'s Agent, in charge of the Okhamandal District, and Commandant, Wagheer Corps.*
Mr. H. Harrison, Officiating . . . (*Commandant of His Highness the Gaekwar's Local Battalion at Dhari.*)	. . . . .
Mr. H. Harrison	*Comdt. of H. H. the Gaekwar's Local Battalion at Dhari*
Surgeon G. E. Fooks (*Medl. Offr., 5th Regt., Bo. Light Infy.*)	Residency Surgeon . . . . .

Rajputana.

Appointments.	Incumbents.	Position in graded list.
Agent to the Governor-General .	Colonel C. K M. Walter, S.C.	Resident, 1st Class, . .
Resident in Meywar (Oodeypore) .	Col. S. B. Miles, Bo. S.C.,	Resident, 2nd Class . .
Resident at Jeypore . .	Lieut.-Col. W. F. Prideaux, Bo. S.C.	Resident, 2nd Class . .
Resident in the Western States of Rajputana (Jodhpore).	Colonel P. W. Powlett, S.C.	Resident, 2nd Class . .

Date of appointment	Salaries and allowances *per mensem.*	Remarks.
concluded.	*Rs. a. p.*	
27th June 1889	200 0 0	Local allowance, in addition to Military pay and allowances.
8th May 1881 .	*827 14 0* *213 0 0*	*Offg. Agent to the Governor-General.* *Special allowance.*
	1,040 14 0	
11th May 1889	640 14 0	
8th November 1887 .	*827 14 0*	*Officiating Political Agent, Mahi Kantha.*
.....	725 12 0	
6th November 1878 .	525·12 0	*Offg. Asst. at Okhamandal, &c.*
3rd May 1888 . .	100 0 0	In addition to Military pay.

Salaries and allowances *per mensem.*	Remarks.
Rs. a. p.	
4,000 0 0 250 0 0	Special allowance.
4,250 0 0	
2,000 0 0	
2,000 0 0 100 0 0	Special allowance.
2,100 0 0	
2,000 0 0	

Appointments	Incumbents.	Position in graded list.
		Rajputana—
Boundary Settlement Officer in Marwar, and Assistant to the Resident in the Western States of Rajputana (Jodhpore).	Major W. Loch, Bo. S.C.	Pol. Asst 1st.—Addl. Political Agent, 3rd—Class.
P. A. in Harowtee and Tonk . .	Major A. P. Thornton, S.C. .	Pol. Agent, 3rd Class . .
P. A. in Ulwur	Col. H. P. Peacock, Bengal Cavalry.	Political Agent, 1st Class.
P. A. in Kotah	*Col. C. A. Baylay, S.C.* .	*Political Agent, 1st—Addl. 1st—Class.*
	Col A. W. Roberts, Genl. List, Cavalry.	Pol. Agt., 2nd—Offg. Addl. Pol Agt., 1st—Class.
P. A. in Bikanir	Major A. C. Talbot, C.I E, S C.	Pol Agt., 1st—Addl. Political Agent, 1st—Class.
P. Superintendent of Jhallawar .	Lieut.-Col. H. B. Abbott, Bo. S.C.	Political Agent, 1st—Addl. 1st—Class.
P. A. in the Eastern States of Rajputana.	Major N. C. Martelli, S.C.	Pol. Agent, 3rd—Addl. 1st—Class.
1st Assistant to the Governor-General's Agent in Rajputana and C.-C. of Ajmere-Merwara.	Major E. A. Fraser, M.S.C. .	Political Agent, 3rd Class .
Asstt. to the Governor-General's Agent.	Lieut. L. Impey, S.C. .	Offg. Political Asst., 3rd Class.
Asstt. to the Governor-General's Agent.	Lieut. G. F. Chenevix-Trench, Bo. S.C.	Offg. Political Asstt., 3rd Class.
Asstt. to the Governor-General's Agent.	Lieut. S. F. Bayley, S.C. .	Offg. Pol. Asst., 3rd Class .
Supdt. of Operations for the Control of the Mogbyas.	Lieut. A. F. Pinhey, Bo. S.C.	Political Asstt., 3rd—Addl. 1st—Class.
Attaché to the Governor-General's Agent.	Kumar Lachman Singh	.....

P. A. stands for

Salaries and allowances *per mensem.*:			Remarks.
continued.			
Rs.	*a.*	*p*	
1,000	0	0	
500	0	0	Special temporary allowance.
1,500	0	0	
1,000	0	0	
1,500	0	0	
1,500	*0*	*0*	*Special leave to the 18th October, 1889*
1,400	0	0	Officiating.
1,500	0	0	
500	0	0	Special personal allowance, during the minority of the Chief.
2,000	0	0	
1,500	0	0	
1,500	0	0	
1,000	0	0	
500	0	0	And Magistrate of Abu.
500	0	0	
400	0	0	
800	0	0	And Asst. Pol. Agent at Banswara
400	0	0	

Political Agent.

Appointments.	Incumbents.	Position in graded list.
		Rajputana—
Asstt. to the Governor-General's Agent, and to the Genl.-Supdt. of Operations for the Suppression of Thagi and Dakaiti, in Rajputana.	Lieut. K. D. Erskine, S.C. .	Offg. Political Asstt., 3rd Class.
Supdt., Rajputana-Malwa State Railway Police.	Mr. R. E. Acklom . .	.....
(*a*) 1st Asstt. to the Resident in Meywar.	Lieut.-Col. A. R. T. McRae, Bo. G.L.,I.	
(*b*) 2nd Asstt. to the Resident in Meywar.	Lt.-Col. N.R. Stewart, S.C.	.....
Settlement Officer, Meywar . .	Mr. C. E. Biddulph . .	.....
Settlement Officer, Tonk . .	Capt. T. C. Pears, S.C. .	Poltl. Asst., 2nd Class
Medical.		
Resdy. Surgeon, and Supdt.-Genl. of Dispensaries and Vaccination.	*Brigade-Surgeon L. D. Spencer, M. D.*	.....
	Surgeon-Major J. H. Newman, M D. (*Civil Surgeon of Ajmere*) (*Offg.*)	.....
Resdy. Surgeon, Meywar (Oodeypore).	*Surgeon-Major D. ff Mullen, M. D.*	.....
	Surgeon W. H. Neilson, M.B. (M.) (*Medl. Offr., Erin. Irr. Force* (*Offg.*)	.....
Residency Surgeon, Jeypore . .	Surgeon-Major T. H. Hendley	.....
Residency Surgeon, Western Rajputana States (Jodhpore).	*Surgeon-Major A. Adams, M. D.* (*M.*)	.....
Agency Surgeon, Ulwur .	*Surgeon-Major T. ff Mullen, M.D.*	.....
	Vacancy (*Offg.*) .	.....
Medical Offr., Kotah and Jhalrapatan Agencies.	*Surgeon Major J. Crofts, M.D.*	.....
	Surgeon R. Shore, M.D. (*Offg.*)	.....
Civil Surgeon, Bikanir. . .	*Surgeon P. D. Pank* .	.....
	Surgeon W. W. Webb, M.B. (*Medl. Offr., Meywar Bheel Corps.*) (*Offg.*)	.....
Harowtee and Tonk Agency, and Deoli Irregular Force.	*Surgeon H. N. V. Harington* (*M.*)	.....
	Surgeon G. J. H. Bell, M.B. (*Offg.*)	.....

(*a*) The appointment is held *ex-officio* by the
(*b*) The appointment is held *ex-officio* by the
* For Dr. Crofts. Future incumbent to re-

Salaries and allowances *per mensem.*			REMARKS.
concluded.			
Rs.	*a.*	*p.*	
500	0	0	
1,000	0	0	
100	0	0	Allowance.
1,000	0	0	
1,000	0	0	*(Gross.)*
.....			*Furlough out of India, p a., 1 year and 182 days, G. G. O., dated the 24th May 1889.*
1,225	0	0	Inclusive of allowances. Holding charge of the Jodhpore Residy. in addition.
.....			*Offg. Civil Surgeon, Ajmere.*
550	0	0	Besides Rs. 275 from the Darbar.
750	0	0	Besides Rs. 750 from the Darbar.
750	0	0	*Besides Rs 150 from the Darbar, and Rs 30 from the Mullani Fund, also a personal allowance of Rs. 400 from the Darbar. Privilege leave to the 13th August, 1889.* Dr. Newman holding additional charge.
.....			*Offg. Residency Surgeon, Bushire.*
...			*Furlough to the 11th December, 1889.*
.....			
*275	0	0	Local allowance from the Darbars.
.....			*Furlough to the 17th April, 1890.*
550	0	0	Besides Rs. 350, from the Darbar, for supervision of Jails and Dispensaries, &c.
.. ...			*Furlough to the 17th October, 1889.*
100	0	0	In addition to Military pay.—*not joined.*

Commandant of the Meywar Bheel Corps.
2nd-in-Command of the Meywar Bheel Corps
ceive a travelling allowance of Rs. 100 p. m. only.

Appointments.	Incumbents.	Position in graded list.
		Central
Agent to the Governor-General .	*Mr. F. Henvey, C.S.* .	*Resident, 1st Class* . .
Resident at Gwalior . . .	Major D. W. K. Barr, Bo. S.C.	Resident, 2nd Class . .
P. A. in Bhopal	Lieut.-Col. H. Wylie, C S I., G.L., I.	Political Agent, 2nd—Offg. 1st—Class.
P. A. in Bundelkhand . . .	Lieut.-Col. F. A Wilson, S.C.	Political Agent, 2nd—Offg. 1st—Class.
P. A. in Baghelkhand, and Supdt. of the Rewah State.	Major D. Robertson, M S.C.	Political Agent, 3rd—Additional 1st—Class.
P. A. in Bhopawar . . .	Lieut. J. Ramsay, S.C. .	Political Asst., 3rd—Offg. 2nd—Class.
Supdt. of Operations for the Control of the Mogbyas.	Lieut. A. F. Pinhey, Bo. S.C.	Political Asst., 3rd—Additional 1st—Class
1st Asstt. to the G.-G.'s Agent .	Mr. A. H. T. Martindale, M.C.S.	Political Agent, 3rd—Offg. 2nd—Class.
Asst. to the G.-G.'s Agent . .	Mr. A. L. P. Tucker, Bo. C.S.	Offg. Political Asst., 1st Class.
Asst. to the G.-G.'s Agent . .	Lieut. F. W. P. Macdonald, S.C.	Offg. Political Asst., 3rd Class.

P. A. stands for

Salaries and allowances *per mensem*.			Remarks.
India.			
Rs.	*a*	*p*	
4,000	*0*	*0*	*Special allowance.*
250	*0*	*0*	*Privilege leave to the 14th Aug. 1889. Mr. Martindale holding additional charge.*
4,250	*0*	*0*	
2,500	0	0	
1,400	0	0	
1,400	0	0	
200	0	0	Local allowance (for Charkhari).
1,600	0	0	
1,500	0	0	
600	0	0	
800	0	0	And Assistant Political Agent at Banswara.
1,200	0	0	And in charge of the office of Governor General's Agent.
200	0	0	Local allowance, for the charge and supervision of the Dewas State (Senior Branch).
1,400	0	0	
700	0	0	
500	0	0	

Political Agent.

Appointments.	Incumbents.	Position in graded list.
		Central
Political Agent, Western Malwa.	Col. H. M. Buller, Cav.	.....
Political Assistant at Goona	Col. M. G. Gerard, C. B. S.C.	.....
Cantonment Magistrate at Mhow	Lieut.-Col. W S Peat, Bo. G.L.,C.	.....
Cantonment Magistrate at Neemuch.	Captain F. G. Alexander, Bo. S.C.	.....
Cantonment Magistrate at Nowgong.	Lieut. A. S. Rooke M. S. C (*Wing Offr. 2-5th Goorkha Regt.*)	.....
Cantonment Magistrate at Sipri.	Lieut. C. F. Lennock, 1st Batt., Suffolk Regt.	
Boundary Settlement Officer in Bundelkhand.	Captain C. J. B. H. Dreßner, S.C. (*Squadron Officer, 2nd Regt., C. I. Horse.*)	.....
Attaché to the Govr.-Genl.'s Agent.	Sahibzada Muhammad Wahid-ud-din.	.....
Native Asstt. to the Govr.-Genl.'s Agent.	Munshi Gurdit Singh.	.....

Salaries and allowances *per mensem.*			Remarks.
			India—*continued.*
Rs.	*a.*	*p.*	
300	0	0	Local allowance. The appointment is held *ex-officio* by the Commandant, Central India Horse.
150	0	0	Local allowance. The appointment is held *ex-officio* by the Commandant of the Regiment (now 2nd) of Central India Horse stationed at Goona.
1,037	0	0	Pay of rank.
300	0	0	Staff allowance.
1,337	0	0	
374	1	6	Pay of rank.
200	0	0	Staff allowance.
574	1	6	
600	0	0	
50	0	0	Staff allowance. The appointment is held *ex-officio* by the Officer Commanding at Sipri.
374	1	6	Pay of rank. Besides a deputation allowance of Rs. 10 *per diem* when in camp, and Rs. 5 when in station.
400	0	0	
350	0	0	

Appointments.	Incumbents.	Position in graded list.
	Medical.	**Central**
Residency Surgeon, and Civil Administrative Medical Officer in Central India.	Surgeon-Major D. F. Keegan, M.D.	.....
In Medical charge, Bhopal Agency and Bhopal Battalion (Sehore).	*Surgeon-Major A. H. C. Dane, M D. (Bo.)*	.....
	Surgeon W.G.P. Alpin, M.D. (*Offg.*)	.....
In Medical charge, Goona Agency, and 2nd Regt., C. I. Horse.	Surgeon C. G. W. Lowdell (Bo.)	.....
In Medical charge, Bundelkhand Agency (Nowgong), and 1st Bengal Infantry.	Surgeon S H. Henderson	.....
In Medical charge, Western Malwa Agency (Agar), and 1st Regt., C. I. Horse.	*Surgeon-Major R. Caldecott (Bo.)*	.....
	Surgeon C. C. Manifold. (*Offg.*)	.....
In Medical charge, Bhopawar Agency (Sirdarpore), and Malwa Bheel Corps.	Surgeon-Major J. Duke	.....
In Medical charge, Baghelkhand Agency and Dispensaries (Sutna).	*Surgeon-Major S. J. Goldsmith (Bo.)*	.....
	Surgeon G. H. D. Gimlette, M.D., (*Resdy. Surgn., Nepal.*) (*Offg.*)	.....
In Medical charge, Gwalior Residency..	Surgeon-Major A. M. Crofts	.....
		Kashmir,
Resident	Lieut.-Col. R. P. Nisbet, C.I.E., S.C.	Resident, 2nd Class
Residency Surgeon . . .	*Surgeon-Major A. Deane, M.D.*	.....
		Ladakh.
British Joint-Commr. at Leh .	Capt. H. L. Ramsay, S.C. .	Pol. Asst., 1st Class.

150 0 0 For superintendence of dispensaries
400 0 0 Annual travelling allowance
30 0 0 On account of the Amjhera State,
20 0 0 For a Clerk, from the Indore Road

Salaries and allowances *per mensem*.			Remarks.
India—*concluded*.			
Rs.	*a.*	*p.*	
1,050	0	0	Residency Surgeon, Indore.
451	10	8	Charitable dispensaries.
150	0	0	Civil Administrative Medical Officer in Central India.
125	0	0	For medical class, from Darbar.
100	0	0	Consulting Surgeon, Rajputana-Malwa Railway.
100	0	0	Superintendent, Central India Agency Jail, Indore.
1,976	10	8	
.....			*Fur, p. a., 18 mos., Bo. G. G. O., dated the 5th January, 1888.*
100	0	0	In addition to military pay.
125	0	0	From Indian Midland Railway.
70	0	0	Supdt., Victoria Hospital.
80	0	0	Supdt. of Vaccination.
375	0	0	
30	0	0	In addition to military pay.
100	0	0	In addition to military pay.
.....			*Leave out of India, p.a., to the 30th Mar., 1890.*
100	0	0	In addition to military pay.
100	0	0	In addition to military pay.
550	0	0	*Furlough, m. c., 1 year; Bo. G G O., dated the 30th Mar., 1889.*
300	0	0	Allowance for superintending Rewah State Dispensaries.
60	0	0	Acting allowance as Tutor to H. H. the Maharaja
910	0	0	
.....			Performs the duties, in addition to his own as Medical Officer to His Highness the Maharaja Sindhia of Gwalior, without remuneration.
&c.			
2,000	0	0	
250	0	0	Sumptuary allowance.
2,250	0	0	
750	*0*	*0*	*Furlough in and out of India, p.a., to the 18th May 1891. Revd. Dr. A. Neve, C.M.S., holding charge.*
100	*0*	*0*	*For charge of medical supervision of Sialkote-Jammu Railway Extension, during construction.*
850	*0*	0	
800	0	0	
150	0	0	Special allowance.
110	0	0	Travelling allowance.
1,060	0	0	

Contributed by States concerned and Local Funds.
from the Dharmsala Fund.
Fund.

Appointments.	Incumbents.	Position in graded list.
		Nepal.
Resident Sub *pro tem.* . .	Major E. L. Durand, C.B., S.C	Political Agent, 2nd Class. Resident, 2nd Class. sub. *pro. tem.*
Residency Surgeon . . .	*Surgeon G. H. D. Gimlette, M.D.*	.....
	Surgeon G. H Baker. (*Offg*)	.....
		Persian
Political Resident . .	Colonel E. C. Ross, C.S.I., Bo. S.C.	Resident, 2nd Class . .
1st Assistant to the Poltl. Resident.	Capt. P. J. Melvill, S.C. .	Political Asst., 2nd—Offg. 1st—Class.
Uncovenanted Assistant . .	Mr. G. Lucas, ...	.....
Native Assistant . . .	*Asst. Surgeon Abdur Rahim Hakim, Khan Bahadur.*	.....
Residency Surgeon . . .	*Surgeon-Major D. R. Ross, M.D.* (*Bo.*)	.....
	Surgeon-Major T. ff Mullen, M. D. (*Agency Surgeon, Ulwur.*) (*Offg.*)	.....
		Muscat.
Political Agent . . .	Lieut. W. C. R. Stratton, S. C.	Political Asst., 3rd—Offg. Political Agent, 3rd—Class.
Agency Surgeon . . .	Surgeon-Major A. S. G. Jayakar. (Bo.)	.....
		Turkish
Political Resident . . .	Colonel W. Tweedie, C.S.I. S.C.	Resident, 2nd Class . .
Assistant Political Agent at Basra.	Mr. P. J. C. Robertson	Political Agent, 3rd Class .
Residency Surgeon . . .	Surgeon-Major R. Bowman. (Bo)	.....

Salaries and allowances *per mensem*.			Remarks.
Rs.	*a.*	*p.*	
2,000	0	0	
250	0	0	Local allowance.
2,250	0	0	
.....			*Offg. Agency Surgeon in Bhagelkhana.*
386	10	0	
Gulf.			
2,500	0	0	
250	0	0	Special allowance.
2,750	0	0	
800	0	0	
300	0	0	Personal allowance, Rs. 50.
.....			*Officiating Attaché in Foreign Department.* Duties being discharged by Mr. J. P. Sequeira, Head Clerk, Muscat Political Agency.
.....			*Furlough to the 9th April, 1890.*
952	3	7	
833	5	4	
150	0	0	Special allowance.
983	5	4	
950	0	0	
Arabia.			
2,500	0	0	
1,000	0	0	
950	0	0	

Appointments.	Incumbents.	Position in graded list.
		Thagi
Genl.-Supdt. of Operations for the Suppression of Thagi and Dakaiti.	Colonel P. D. Henderson, C.S.I., Madras Cavalry	Resident, 2nd Class . .
Asst. to the Genl.-Supdt. .	Mr. D. E. McCracken	.....
		Baluch
Agent to the Governor-General .	*Colonel Sir R. G. Sandeman, K.C.S.I., S.C.*	*Resdt., 1st Class . .*
	Genl. Sir H. N. D. Prendergast, K. C. B., V.C., R. E. (*Resdt., 2nd Class, and G.-G.'s Agent at Baroda.*) (*Offg.*)	(Offg.) Resident, 1st Class .
Political Agent at Thal-Chotiali .	Captain I. MacIver, S.C. .	Poltl. Asst., 1st.—Offg. Poltl. Agent, 3rd.—Class .
Political Agent in South-Eastern Baluchistan.	Major J. H. Newill, M. S. C.	Poltl. Agent, 3rd Class
Political Agent in Quetta and Pishin.	Major G. Gaisford, S. C. .	Poltl. Asstt., 1st Class .
Political Agent at Kalat . .	Captain H. M. Temple, S.C. .	Poltl. Asst., 1st.—Offg. Poltl. Agent, 3rd.—Class.
1st Assistant to the Governor-General's Agent.	Mr. E. G. Colvin, C. S. .	Poltl. Assistant, 3rd—Offg. 2nd—Class.
Assistant Political Agent at Thal-Chotiali.	Lieut. C. Archer, S. C. .	Poltl. Asst., 3rd Class, sub. *pro tem.*
Cantonment Magistrate, Quetta .	Lieut.-Col. W. H. Browne, S.C.	.....
Treasury Officer, Quetta . .	Mr. S. H. King (*Extra Asst. Comr., 5th Class, Berar.*)	.....
Agency Surgeon, Quetta . .	*Surgeon-Major J. C. Fullerton, M.B.*	.....

Salaries and allowances *per mensem*.			Remarks.
and Dakaiti.			
Rs.	*a*	*p.*	
*2,500	0	0	
800	0	0	
istan.			
... ..			*Special leave to the 4th October, 1889.*
2,500	0	0	
1,000	0	0	Acting allowance.
250	0	0	Fixed travelling allowance.
3,750	0	0	
1,000	0	0	
180	0	0	Fixed travelling allowance.
1,180	0	0	
1,000	0	0	
180	0	0	Fixed travelling allowance.
1,180	0	0	
800	0	0	
100	0	0	Pashtu allowance.
180	0	0	Fixed travelling allowance.
1,080	0	0	
1,000	0	0	
100	0	0	Baluchi allowance.
180	0	0	Fixed travelling allowance.
1,280	0	0	
500	0	0	
100	0	0	Acting allowance.
150	0	0	Fixed travelling allowance.
750	0	0	
500	0	0	
100	0	0	Pashtu allowance.
150	0	0	Fixed travelling allowance.
750	0	0	
827	14	0	Staff Corps pay of rank.
200	0	0	Local allowance.
100	0	0	Pashtu allowance.
1,127	14	0	
500	0	0	
†200	0	0	*Special allowance Fur, p. a., 1 yr. and 213 days, 18th April, 1888.*

* Future incumbents to receive Rs. 2,000 only.
† " " " 150 "

Appointments.	Incumbents.	Position in graded list.
		Baluch
	Surgeon A. W. D. Leahy. (*Offg.*)	.....
Civil Surgeon, Sibi	Surgn. R. R. Weir, M.B. .	.....
Extra Judicial Assistant Commissioner, Quetta, and Uncovenanted Asst. to the G -G's. Agent	Mr W. A. Ingle (Bo) . .	.....
Native Assistant, Bori . .	*Khan Bahadur Hak Nawaz Khan.*	.....
	Rai Bahadur Allahdad Khan. (*Offg.*)	.....
Native Assistant, Sibi . .	Rai Bahadur Hittu Ram, C.I.E.	.....
Native Assistant, Bolan Pass .	Munshi Najaf Ali. . .	.....
Native Assistant, Quetta .	Diwan Ganpat Rai. . .	.....
Officiating Deputy Conservator of Forests	Mr. J. H. Lace. . .	.....
Assistant District Superintendent of Police, Quetta.	Lieut. W. M. Cubitt, S C. .	.....
		Political Officer in charge
Political Officer in charge of the ex-Amir.	Col V. E. Law, Madras General List, Cavy.	Poltl. Agent, 3rd.—Offg. 2nd. —Class.
		Political Officer with
Political Officer in charge of Sardar Ayub Khan. .	*Vacant.*	.....

Salaries and allowances *per mensem.*			Remarks.
istan—*concld.*			
392	5	2	
128	13	5	Acting allowance.
100	0	0	From North-Western Ry.
150	0	0	Special allowance.
50	0	0	Local allowance, as *ex-officio* Supdt. of Civil Jail.
821	2	7	
650	0	0	
800	0	0	
150	0	0	Local allowance.
90	0	0	Fixed travelling allowance.
1,040	0	0	
250	*0*	*0*	*Furlough to the 27th August, 1889.*
90	*0*	*0*	*Fixed travelling allowance.*
340	*0*	*0*	
.....			
400	0	0	
150	0	0	Local allowance,
90	0	0	Fixed travelling allowance.
640	0	0	
250	0	0	
90	0	0	Fixed travelling allowance.
340	0	0	
250	0	0	
90	0	0	Fixed travelling allowance.
340	0	0	
500	0	0	
375	12	0	
100	0	0	Deputation allowance.
150	0	0	Fixed travelling allowance.
625	12	0	

of the ex-Amir

Rs.	*a.*	*p.*	
1,200	0	0	House rent, Rs. 1,700 *per annum.*

Sardar Ayub Khan.

1,000	0	0	Khan Bahadur Alla Bakhsh, Native Attaché, holding charge.

Appointments.	Incumbents.	Position in graded list.
	Officers on Furlough,	
	Capt. A. F. De Læssöe, C.M.G., C.I.E.	Poltl. Asst., 2nd—Offg. 1st—Class.
	Col. E. S. Reynolds, Bo S.C.	Poltl. Agent., 1st Class
	Col. Sir J. W. Ridgeway, K C.S.I., C.B., Genl. List, Infantry.	.....
	Major C. E. Yate, C.S.I., C.M.G., Bo S C.	Poltl. Agent 3rd Class
	Captain C. W. Ravenshaw, S C.	Poltl. Asst., 1st Class
	Mr. G. S. Forbes, M.C.S.	.....
	Capt. M. J. Meade, S.C.	Poltl. Asst., 1st Class
	Lieut. C. H. Pritchard, Bo. S.C.	.....
	Lieut-Col E Mockler, Bo. Genl. List, Infantry.	Poltl. Agent, 2nd Class
	Mr. L. W. King, C.S.	.....
	Colonel J. Biddulph, S.C.	Poltl. Agent, 1st Class
	Mr. C. S. Bayley, C.S.	.....
	Capt. W. E. Evans-Gordon, M.S.C.	Poltl. Asst., 2nd Class
	Major W. H. C. Wyllie, C I.E., S.C.	Poltl. Agent, 2nd Class
	Mr. Ney Elias, C.I.E.	Poltl. Asst., 3rd Class
	Capt. A. G A. Durand, S.C., *Squadn. Comdr., 2nd Regt C. I Horse*)	.....
	Lieut H. Daly, S.C.	Poltl. Asst., 3rd Class
	Lieut. J. R. C. Colvin, S.C.	.....
	Lieut. J Manners Smith, S.C.	.....
	Nawab Mirza Hassan Ali Khan, C.I.E.	Addl. Poltl. Asst., 3rd Class

Salaries and allowances *per mensem.*	Remarks.
	Leave, Special Duty, &c.
800 0 0	*Privilege leave to the 6th July, 1889.*
.....	*Special leave to the 14th August, 1889.*
.....	*Furlough to the 25th August, 1889.*
.....	*Furlough to the 1st September, 1889.*
.. ...	*Furlough to the 12th October, 1889.*
.. ...	*Special leave to the 25th October, 1889.*
.....	*Furlough to the 1st November, 1889.*
.....	*Furlough to the 4th November, 1889.*
.....	*Furlough to the 15th November, 1889.*
.....	*Furlough to the 23rd January, 1890.*
.....	*Furlough to the 28th March, 1890.*
.....	*Furlough to the 27th May, 1890.*
.....	*Furlough to the 16th July, 1890.*
.....	*Furlough to the 27th July, 1890.*
1,000 0 0	On special duty in the Foreign Department.
1,200 0 0	British Agent at Gilgit. With travelling allowance of Rs. 300.
.....	On deputation in Upper Burma.
.....	Guardian to the Rampur Chief.
700 0 0	Attached to the Gilgit Agency.
500 0 0	On special duty in Persia.

Medical appointments.

I.—First class charges.

Station.	Names.	Salaries and Allowances.	Remarks.
Rajputana.		*Rs. a. p.*	
ABU	*Brigade-Surgeon L.D. Spencer, M.D.*	.....	*Residency Surgeon, and Superintendent-General of Dispensaries and Vaccination. Furlough out of India, p.a., 1 year and 182 days. G. G. O., dated the 24th May 1889.*
	Surgeon-Major J. H. Newman, M. D. (*Civil Surgeon of Ajmere.*) (*Offg.*)	1,225 0 0	Inclusive of allowances. Holding charge of the Jodhpore Residency, in addition.
Central India.			
INDORE . . .	Surgeon-Major D. F. Keegan, M.D. ...	1,050 0 0	Residency Surgeon.
		150 0 0	Civil Administrative Medical Officer in Central India.
		451 10 8	Charitable dispensaries.
		100 0 0	From Rajputana-Malwa Railway.
		125 0 0	For medical class, from Darbar.
		100 0 0	Superintendent, Central India Agency Jail, Indore.
		1,976 10 8.	
Baluchistan.			
QUETTA . . .	*Surgeon-Major J. C. Fullerton, M.B.*	*200 0 0	*Agency Surgeon.—Furlough, p. a., 1 year and 213 days, 18th April 1888.*
	Surgeon A. W. D. Leahy (*Offg.*)	392 5 2	
		128 13 5	Acting allowance.
		150 0 0	Special allowance.
		100 0 0	From North-Western Ry.
		50 0 0	Jail allowance.
		821 2 7	
SIBI	Surgeon R. R. Weir, M. R.	650 0 0	Civil Surgeon.
Persian Gulf.			
BUSHIRE . . .	*Surgeon-Major D.R. Ross, M. D. (Bo.)*	. . .	*Residency Surgeon. Furlough to the 9th April, 1890.*
	Surgeon-Major T. ff Mullen, M. D. (*Agency Surgeon, Ulwur.*) (*Offg.*)	952 3 7	

* Special allowance. Future incumbents to receive Rs. 150 only.

Medical appointments—*continued.*

II.—Second class charges.

Station.	Names.	Salaries and allowances.	Remarks.
Hyderabad.		*Rs. a. p.*	
Hyderabad . . .	Surgeon-Major E Lawrie, M.B.	750 0 0	Residency Surgeon.
		414 3 0	Superintendent of Vaccination.
		414 3 0	Superintendent of Medical School.
		(1) 427 11 1	Attendance on Nizam and family.
		(2) 256 9 10	Surgeon, Afzalganj Hospital.
		(3) 171 1 3	In charge, Nizam's Medical Stores.
		100 0 0	Attendance upon the gazetted European members of the Nizam's service in Chudderghat.
		2,533 12 2	
Nepal.			
Katmandu	*Surgeon G. H. D. Gimlette, M.D.*	.....	*Residency Surgeon—Officiating Agency Surgeon in Bhagelkhand.*
	Surgeon G. H. Baker. (*Offg.*)	386 10 0	
Rajputana.			
Meywar (Oodeypore) .	*Surgeon-Major D. ff Mullen, M D.*	.....	*Residency Surgeon—(Officiating Civil Surgeon, Ajmere.*
	Surgeon W. H. Neilson, M.B. (*M.*) (*Medical Officer, Errn Irr. Force.*) (*Offg.*)	550 0 0	Offg. Residency Surgeon. Besides Rs. 275 from the Darbar.
Jeypore . . .	Surgeon-Major T. H. Hendley.	750 0 0	Residency Surgeon. Besides Rs. 750 from the Darbar.
Western Rajputana States (Jodhpore).	*Surgeon-Major A. Adams, M.D.* (*M.*)	*750 0 0*	*Residency Surgeon. Besides Rs. 150 from the Darbar, and Rs. 30 from the Mullani Fund; also a personal allowance of Rs. 400 from the Darbar. Privilege leave to the 13th August, 1889.* Dr. Newman holding additional charge.

(1) The equivalent of Halli Sicca Rs. 500.
(2) " " " " " " 300.
(3) " " " " " " 200.

Medical appointments—*continued.*

II.—Second class charges—*continued.*

Station.	Names.	Salaries and allowances	Remarks.
Rajputana—*concld.*		*Rs. a. p.*	
Ulwur	*Surgeon-Major T. ff Mullen, M D.*	.....	*Agency Surgeon—Offg. Residency Surgeon, Bushire.*
	Vacancy (*Offg.*)		
Kotah and Jhalrapatan	*Surgeon-Major J. Crofts, M D.*	.....	*Medical Officer.—Furlough to the 11th December, 1889*
	Surgeon R. Shore, M D. (*Offg*)	*275 0 0	Local allowance from the Darbars
Bikanir . . .	*Surgeon P. D. Pank*	.....	*Civil Surgeon. Furlough to the 17th April, 1890.*
	Surgeon W W. Webb, M B. (*Medl. Offr., Meywar Bheel Corps*). (*Offg*).	550 0 0	Besides Rs. 350, from the Darbar, for supervision of Jails and Dispensaries, &c.
Mysore.			
Bangalore . . .	*Surgeon-Major P. H. Benson, M B (M.) (Seconded.)*	.....	*Residency Surgeon. Employed under the Mysore Government.*
	Surgeon-Major A F Dobson, M.B. (M)	750 0 0	Residency Surgeon.
		200 0 0	Allowance, from Municipality, for charge of the Bowring Hospital.
		950 0 0	
Muscat.			
Muscat	Surgeon-Major A. S. G. Jayakar. (Bo.)	950 0 0	Agency Surgeon.

* For Dr. Crofts Future incumbents to receive a travelling allowance of Rs. 100 *p.m.* only.

Medical appointments—*continued.*

II.—Second class charges—*concluded.*

Station.	Names.	Salaries and allowances.	Remarks.
		Rs a. p.	
Central India.			
BAGHELKHAND (SUTNA) .	*Surgeon-Major S. J. Goldsmith. (Bo.)*	.....	*Agency Surgeon. Fur., m. o., 1 year, Bo G. G. O., 30th Mar. 1889.*
	Surgn G. H. D. Gimlette, M. D. (*Resdy. Surg. Nepal.*) (*Offg.*)	550 0 0	
		300 0 0	Allowance for superintending Rewah State Dispensaries.
		60 0 0	Acting allowance as Tutor H. H. the Maharaja.
		910 0 0	
Turkish Arabia.			
BAGHDAD . . .	Surgeon-Major R. Bowman. (Bo)	950 0 0	Residency Surgeon.
Kashmir.			
SRINAGAR .	*Surgeon-Major A. Deane, M.D.*	*750 0 0*	*Residency Surgeon. Fur. in & out of India, p.a., to the 18th May 1891.* Revd. Dr. A. Neve, C.M.S., holding charge.
		100 0 0	*For charge of medical supervision of Sialkot-Jammu Railway Extension, during construction.*
		850 0 0	
Ajmere Merwara.			
AJMERE . . .	*Surgeon-Major J. H Newman, M.D.*	.....	*Civil Surgeon. Offg. Residency Surgeon, Abu, and Offg. Supdt.-General of Dis. and Vaccn. in Rajputana.*
	Surgeon-Major D. ff Mullen, M.D. (*Resdy. Surg in Meywar*) (*Offg.*)	750 0 0	Civil Surgeon.
		150 0 0	Superintendent of Jail.
		50 0 0	Fees from Government College.
		50 0 0	Fees from Mayo College.
		100 0 0	Medical Officer, Merwara Battalion.
		250 0 0	Allowance from Rajputana-Malwa Railway.
		1,350 0 0	

Medical appointments—*concluded.*

III.—Charges held conjointly with Military Charges.

Station.	Names.	Salaries and allowances.	Remarks.
Central India.		*Rs. a. p.*	
Gwalior Residency . .	Surgeon-Major A M Crofts.	.....	Performs the duties, in addition to his own as Medical Officer to His Highness the Maharaja Sindhia of Gwalior, without remuneration.
Sehore (Bhopal Agency and Battalion).	*Surgeon-Major A H. C. Dane, M.D. (Bo.)*	... ..	*Furlough, p. a., 18 mos., Bo. G. G. O., dated the 5th January, 1888.*
	Surgeon W. G. P. Alpin, M D. (*Offg*)	*100 0 0	In addition to military pay.
Goona (Goona Agency, and 2nd Regiment, Central India Horse).	Surgeon C. G. W. Lowdell. (Bo)	30 0 0	In addition to military pay.
Agar (Western Malwa Agency, and 1st Regiment, Central India Horse).	*Surgeon-Major R. Caldecott. (Bo.)*	.. ...	*Leave out of India, p a., to the 30th March, 1890.*
	Surgeon C. C. Manifold. (*Offg*)	100 0 0	In addition to military pay.
Bundelkhand Agency (Nowgong), and 1st Bengal Infantry.	Surgeon S. H. Henderson.	100 0 0	In addition to military pay.
Sirdarpore (Bhopawar Agency, and Malwa Bheel Corps).	Surgeon-Major J. Duke.	†100 0 0	In addition to military pay.
Rajputana.			
Harowtee and Tonk Agency, and Deoli Irregular Force.	*Surgeon H N. V Harington (M.).*	.....	*Furlough to the 17th October, 1889.*
	Surgeon G. J H. Bell, M.B. (*Offg.*).	100 0 0	In addition to military pay. *Not joined.*
Baroda.			
Baroda	Surgeon G. E. Fooks (*Medl. Offr., 5th Regt., Bo. Light Infy*) . .	100 0 0	In addition to military pay.

* Draws also—
Rs. 125 0 0 From Indian Midland Railway.
„ 70 0 0 Superintendent, Victoria Hospital.
„ 80 0 0 Superintendent of Vaccination.

† Draws also—
Rs 150 0 0 For superintendence of dispensaries } Contributed by States concerned
„ 200 0 0 Annual travelling allowance } and Local Funds
„ 30 0 0 On account of the Amjhera State, from the Dharmsala Fund.
„ 20 0 0 For a clerk, from the Indore Road Fund.

List of Civil Officers holding gazetted appointments under the Government of India in the Revenue and Agricultural Department, as it stood on the 1st July 1889.

Classified List of Officers of the Senior Division, Survey of

No. sanctioned.	No. existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of appointment to the present grade or post.	* Period of service counting towards pension on 1st July 1889.
					Y. M D.			Y. M. D.
		Administrative Staff.						
1	1	Col. H. R. Thuillier, R.E.	G. T. S.	P. H.	61 3 5	May 21, 1859	Feb. 19, 1887	. .
1	1	Col. J. Sconce, S.C.	Rev.	P. H.	53 2 29	Oct. 21, 1859	Jan. 1, 1879	. .
1	1	*Major General C. T. Haig, R.E*	G. T. S.	Not passed	54 8 20	Sep. 22, 1859	Feb. 19, 1887	. .
		Lt.-Col. G. Strahan, R.E.	Topogl.	P. H.	50 4 24	July 2, 1862	Nov. 15, 1888	
	1	Lt.-Col. C. Strahan, R.E.	. . . .	. . . .	. . .	. . . . .	May 23, 1884	. .
	2	Col. J. Waterhouse, S.C.	. . . .	. . . .	. . .	. . . . .	Apl. 1, 1874	. .
	3	Lt.-Col. M. W. Rogers, R.E.	. . . .	. . . .	. . .	. . . . .	May 7, 1889	. .
		SENIOR DIVISION.						
		Deputy Superintendents.						
3		1ST GRADE.						
	1	Lt.-Col. G. Strahar, R.E.	Topogl.	P. H.	50 4 24	July 2, 1862	Nov. 10, 1884	. . .
	2	Col. D. Macdonald, S.C.	Rev.	P. H.	53 6 21	Dec. 19, 1860	Jan. 1, 1887	. . .
	3	Lt.-Col. C. Strahan, R.E.	Topogl.	Not passed	46 1 25	Sep. 26, 1863	Apl. 26, 1889	. . .
8		2ND GRADE.						
	1	*Col. W. Barron*, S.C.	Rev.	P. H.	51 5 15	June 27, 1862	Aug. 7, 1884	. . .
	2	Col. H. C. B. Tanner, Bombay S.C.	Rev.	P. H.	53 11 15	Oct. 10, 1862	Oct. 1, 1884	. . .
	3	Col. A. Pullan, S.C.	G. T. S.	P. H.	53 3 0	Jan. 18, 1863	Nov. 28, 1884	. . .
	4	Col. W. H. Wilkins, S.C.	Rev.	P. H.	47 8 26	April 27, 1863	Jan. 1, 1887	. . .
	5	Lt.-Col. J. E. Sandeman, S.C.	Rev.	P. H.	45 9 29	Oct. 6, 1864	Feb. 19, 1887	. . .
	6	Bt. Lt.-Col. T. H. Holdich, R.E.	Topogl.	L. S.	46 4 16	July 23, 1866	March 26, 1889	. . .
	7	Col. J. Waterhouse, S.C.	Topogl.	P. H.	46 11 8	Jdly 23, 1866	Apl. 26, 1889	. . .
	8	Lt.-Col. M. W. Rogers, R.E.	G. T. S.	L. S.	47 4 26	July 30, 1886	June 28, 1889	. . .

* Applies only to officers who are under the Uncovenanted Service Rules.

India Department, as it stood on 1st July 1889.

No existing in each grade	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	Remarks.
	₹ a. p.			
1	3,000 0 0	. . . . .	Surveyor General of India.	On privilege leave for 3 months from 11th April 1889.
1	2,800 0 0	. . . . .	Deputy Surveyor General in charge, Revenue Branch, Calcutta	Officiating Surveyor General of India from 11th April 1889, Simla.
1	. . . .	. . . . .	On furlough	For 1 year and 4 days, from 1st December 1888.
	2 000 0 0	. . . . .	Offg. Deputy Surveyor General in charge, Trigonometrical Branch, Dehra Dun.	
1	2,200 0 0	. . . . .	Assistant Surveyor General .	Officiating Deputy Surveyor General, in charge, Revenue Branch, and in charge, Engraving and Cartographic Offices, Calcutta.
2	1,300 0 0	(a) Special local R200	Assistant Surveyor General . .	In charge, Lithographic and Photographic Offices, Head Quarters, Calcutta.
3	1,543 8 0	(b) Presidency R60	Assistant Surveyor General .	In charge Correspondence and Mathematical Instrument Offices, Head Quarters, Calcutta.
1	. . . .	. . . . .	Offg Deputy Surveyor General in charge, Trigonometrical Branch.	
2	1,600 0 0	. . . . .	In charge No. 1 (Punjab).	
3	. . . .	. . . . .	Head Quarters, Calcutta . .	Officiating Deputy Surveyor General in charge, Revenue Branch.
1	. . . .	. . . . .	On furlough	For 1 year and 275 days, from 20th February 1889.
2	1,600 0 0	. . . . .	In charge No 18 (Himalaya) .	Officiating Deputy Superintendent, 1st Grade.
3	1,300 0 0	. . . . .	In charge No. 17 (Bombay Forests)	
4	1,300 0 0	. . . . .	In charge No. 3 (Nagpur).	
5	1,300 0 0	. . . . .	In charge No 5 (Jhansi).	
6	1,482 10 0	. . . . .	In charge No. 15 Party (Baluchistan).	
7	. . . .	. . . . .	Head Quarters, Calcutta . .	Assistant Surveyor General.
8	. . . .	. . . . .	Head Quarters, Calcutta . .	Assistant Surveyor General.

(a) Department of Agriculture, Revenue and Commerce Memorandum No. 731, dated 31st October 1878.
(b) Ditto ditto ditto ditto ditto No. 213, dated 14th May 1879.

Classified List of Officers of the Senior Division, Survey of India

No. sanctioned.	No. existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age. Y.M D	Date of appointment to the Department.	Date of promotion to the present grade.	*Period of service counting towards pension on 1st July 1889. Y. M. D.
		SENIOR DIVISION —*contd.*						
		Deputy Superintendents—*contd.*						
10		3RD GRADE.						
	1	*Major J. Hill*, R E.	G. T. S.	Not passed	48 6 7	Dec. 18, 1866	Oct. 1, 1884	. . .
	2	W. H. Cole, M.A.	G. T. S.	H. S.	51 6 16	{Jan. 3, 1867A / Sep. 1, 1867B}	Nov. 28, 1884	21 .0 8
	3	*Lt.-Col A. W. Baird*, R.E., F.R.S., A.I.C.E.	G. T. S.	P. H.	46 8 5	Dec. 4, 1868	Mar. 10, 1886	. . .
	4	Major J R. McCullagh, R.E.	G. T. S.	L S.	47 3 5	Feb. 12, 1869	Jan. 1, 1887	. . .
	5	Col. J. B. Wilmer, S C...	Topogl.	H S.	48 5 12	Aug. 24, 1869	Feb. 19, 1887	. . .
	6	Lt.-Col. S. H. Cowan, S.C.	Rev.	P. H.	47 9 16	Jan. 19, 1867	July 17, 1888	. . .
	7	Lt.-Col. E. H. Steel, S.C.	Rev.	H. S.	48 1 26	Feb. 1, 1867	Mar. 26, 1889	. . .
	8	Lt.-Col. H. S. Hutchinson, S.C.	Rev.	P. H.	49 2 20	Aug. 13, 1867	Apl. 26, 1889	. . .
	9*	E. C. Barrett	Rev.	H. S.	45 2 16	Dec. 30, 1868	May 5, 1889	24 6 11
	10	Lt.-Col. R Benyan, S.C.	Rev.	P. H.	45 9 11	July 17, 1868	June 28, 1889	. . .
		4TH GRADE.						
11	1	G. H. Cooke . . .	Rev.	L. S.	44 7 1	Apl. 1, 1870	Oct. 22, 1885	20 6 15
	2	E. J. Jackson . . .	Rev.	H. S.	44 7 26	Nov. 5, 1868	Oct. 26, 1885	19 3 7
	3	Major St. G. C. Gore, R E.	G. T. S.	Not passed	40 4 8	Apl. 11, 1873	Mar. 10, 1886	. .
	4	Major J. R. Hobday, R.C.	Topogl.	H. S. and Colloquial Burmese	38 11 16	Sep. 11, 1874	Jan. 1, 1887	. .
	5	*Capt. F. B. Longe*, R.E.	†	Not passed	32 8 2	Mar. 15, 1880	Apl. 11, 1888	. . .
	6*	*Capt. R. A. Wahab*, R.E.	†	H. S.	34 2 18	Jan. 8, 1883	July 17, 1888	. . .

* Applies only to officers who are under the Uncovenanted Service Rules.
† Joined the department after the amalgamation on the 1st January 1878.

Department, as it stood on 1st July 1889—continued.

No existing in each grade	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	Remarks.
	R a p.			
1	. . . .	. . . . .	On furlough	For 1 year and 5 months, from 18th May 1888.
2	1,300 0 0	. . . . .	In charge Computing . .	Officiating Deputy Superintendent, 2nd Grade. (A) Appointed on probation Exclusive of service as Professor of Mathematics, Government College, Agra, from 14th April 1862 to end of February 1864 (B) Brought on the strength of the Department
3	. . . .	. . . . .	On deputation . . .	Officiating Mint Master, Calcutta from 7th May 1889.
4	1,482 10 0	. . . . .	In charge, No 19 (Madras)	Officiating Deputy Superintendent, 2nd Grade.
5	1,100 0 0	(a) Inclusive of personal, R100	In charge No 14 (Hoshangabad)	
6	1,100 0 0	(a) Inclusive of personal, R100 and (b) Presidency houserent R60	In charge No. 8 (Bengal and Orissa)	
7	1,100 0 0	(a) Inclusive of personal, R100	In charge No 2 (Bilaspur).	
8	1,100 0 0	(a) Inclusive of personal, R100	In charge No 10 (Bombay)	
9	1,000 0 0	. . . . .	In charge No 6 (Assam) .	Joined the Junior Division, 18th November 1862 Sick leave for 1 month from 20th June 1869. Furlough from 27th August 1880 to 12th July 1882.
10	1,100 0 0	(a) Inclusive of personal, R100	In charge No 20 (Burma)	
1	1,000 0 0	. . . . .	In charge No 9 (Chanda) .	Officiating Deputy Superintendent, 3rd Grade. Joined the Junior Division, 8th December 1866. Furlough for 2 years from 22nd May 1880, extension for 12 days without pay
2	1,000 0 0	. . . . .	In charge No 12 (Saugor) .	Officiating Deputy Superintendent, 3rd Grade. Joined the Junior Division, 26th September 1864, Sick leave from 4th July to 3rd August and from 19th August to 30th November 1867. Europe, medical certificate, from 23rd July 1871 to 10th November 1872 Furlough to Europe from 1st May 1880 to 3rd December 1881, and from 12th November 1885 to 23rd October 1886
3	1,182 10 0	. . . . .	In charge Drawing Section, Dehra Dun	Officiating Deputy Superintendent, 3rd Grade.
4	1,000 0 0	(c) Upper Burma, R100	In charge No 21 (Upper Burma)	Officiating Deputy Superintendent, 3rd Grade.
5	. . . .	. . . . .	On furlough	For 18 months, from 16th November 1888.
6	. . . .	. . . . .	On Military duty in Europe	

(a) Department of Revenue and Agriculture, No 98 S., dated 15th September 1882
(b) Department of Agriculture, Revenue, and Commerce Memorandum No. 219, dated 14th May 1878
(c) Department of Finance and Commerce. No. 756, dated 11th February 1889

Classified List of Officers of the Senior Division, Survey of India

No. sanctioned.	No. existing in each grade	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	* Period of service counting towards pension on 1st July 1889.
					Y. M. D			Y. M. D.
		SENIOR DIVISION —contd. Deputy Superintendents—concld.						
11		4TH GRADE—*concld.*						
	7	W. H. Patterson	Rev.	L. S.	50 9 6	Jan. 22, 1883	Feb, 1889	27 5 15
	8	F. W. Kelly	Rev.	H. S.	55 10 5	Feb. 22, 1883	Mar. 26, 1889	33 65A
	9	Capt. H. M Jackson, R.E.	†	H. S.	31 3 5	June 11, 1883	Apl, 26, 1889	
	10	,, *G. B. Hodgson*, S.C.	†	H. S.	30 8 4	Sep. 12, 1883	May 5, 1889	
	11	,, S. G. Burrard, R.E.	†	L. S.	28 10 19	Sep. 2, 1884	June 28, 1889	
		Assistant Superintendents.						
11		1ST GRADE.						
	1	E. C. Ryall	G. T. S.	Not passed	51 5 15	Apl. 1, 1873	Feb. 1, 1883	34 1 10
	2	A. D'Souza	G. T. S.	Not passed	51 10 20	Oct. 1, 1884	Jan. 1, 1887	28 7 15B
	3	G. B. Scott	Rev.	H. S.	44 11 1	Nov. 10, 1884	Feb. 19, 1887	26 2 0
	4	J. Eccles, M.A.	†	Not passed	31 9 23	May 30, 1885	Apl. 11, 1888	4 1 2
	5	Lieut. J. M. Fleming, S.C.	†	H. S.	30 10 19	July 3, 1885	July 17, 1888	. . .
	6	T. Archdale Pope	†	Telegu, Tamil.	31 0 10	Oct. 1, 1886	Feb. 15, 1889	2 3 0C
	7	Lieut. T. F. B. Renny-Tailyour, R.E.	†	. . . .	26 0 23	Mar. 23, 1888	Mar. 26, 1889	. . .
	8	Lieut. R. J. H. L. Mackenzie, R.E.	†	. . . .	25 2 16	Mar. 23, 1888	Mar. 27, 1889	. . .
	9	F. Grant	Rev.	. . . .	53 3 6	May 16, 1889	June 28, 1889	32 11 21
	10	*Vacant.*	. . . .	. . . .	. . .	. . . . .	. . . . .	. . .
	11	*Do.*	. . . .	. . . .	. . .	. . . . .	. . . . .	. . .
6		2ND GRADE.						
	1	Lieut. W. J. Bythell, R.E.	†	. . . .	. . .	May 29, 1889	May 29, 1889	. . .
	2	*Vacant.*	. . . .	. . . .	. . .	. . . . .	. . . . .	. . .
	3	*Do.*	. . . .	. . . .	. . .	. . . . .	. . . . .	. . .
	4	*Do.*	. . . .	. . . .	. . .	. . . . .	. . . . .	. . .
	5	*Do.*	. . . .	. . . .	. . .	. . . . .	. . . . .	. . .
	6	*Do.*	. . . .	. . . .	. . .	. . . . .	. . . . .	. . .

* Applies only to officers who are under the Uncovenanted Service Rules.
† Joined the Department after the amalgamation on the 1st January 1878.

Department, as it stood on 1st July 1889—concluded.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached	REMARKS.
	R a. p.			
7	850 0 0	. . . . .	In charge No. 11 (Nimar) . .	Joined the Junior Division, 1st December 1851. Leave on private affairs from 1st May to 31st August 1862. Ditto to Europe from 20th July 1872 to 18th January 1873, and from 11th July 1879 to 2nd January 1880.
8	850 0 0	(a) Burma, R150 .	In charge No. 7 (Thongwa) .	Joined the Junior Division, 4th December 1854. (A) Service reckoned under old rules Special leave for 4 months from 21st January 1858, which was overstayed from 21st May to 16th August 1858 Commencement of second service, 17th August 1858 Medical leave from 13th November 1886 to 9th May 1887 Extension of 1 year's service from 27th August 1888.
9	990 0 0	(b) Upper Burma, R100	No 21 (Upper Burma) . .	
10	. . . .	. . . . .	On furlough . . .	For 2 years from 4th March 1889.
11	990 0 0	. . . . .	In charge 22, 23 and 24 Parties	
1	600 0 0	. . . . .	No 24 (Upper Burma) . .	Joined the Junior Division, 25th April 1855 Two hundred and twenty-five days' sick leave included under old rules Sick leave for 26 days, from 10th December 1883, excluded
2	850 0 0	. . . . .	In charge No. 13 (Betul) . .	Officiating Deputy Superintendent, 4th Grade. Joined the Junior Division, 19th February 1856. (B) Exclusive of 349 days' furlough, 77 days' leave on medical certificate, and 33 days' preparatory leave under new rules
3	850 0 0	. . . . .	In charge No 4A (Srinagar) .	Officiating Deputy Superintendent, 4th Grade. Joined the Junior Division, 1st May 1863.
4	850 0 0	. . . . .	22 and 23 Parties (Astronomical I and II).	Officiating Deputy Superintendent, 4th Grade.
5	850 0 0	. . . . .	No 3 (Nagpur)	Ditto ditto.
6	850 0 0	(c) Presidency, R60	Head Quarters, Calcutta . .	Officiating Deputy Superintendent, 4th Grade. (C) In charge, Map Record and Issue Office, Head Quarters, Calcutta Excludes previous service under Madras Government
7	920 0 0	(b) Upper Burma, R100	No. 21 (Upper Burma) . .	Officiating Deputy Superintendent, 4th Grade. Joined appointment 1st April 1888
8	920 0 0	(a) Baluchistan, R100	No 15 (Baluchistan). . . .	Officiating Deputy Superintendent, 4th Grade, Joined appointment 26th March 1888.
9	600 0 0	. . . . .	No. 2 (Bilaspur)	Joined the Junior Division, 11th July 1856.
10	. . . .	. . . . .	. . . . .	
11	. . . .	. . . . .	. . . . .	
1	570 0 0	. . . . .	No. 18 (Himalaya).	
2	. . . .	. . . . .	. . . . .	Joined appointment 29th May 1889.
3	. . . .	. . . . .	. . . . .	
4	. . . .	. . . . .	. . . . .	
5	. . . .	. . . . .	. . . . .	
6	. . . .	. . . . .	. . . . .	

(a) Department of Finance and Commerce No 5826, dated 25th October 1888
(b) Department of Finance and Commerce No 756, dated 11th February 1889.
(c) Department of Agriculture Revenue, and Commerce Memorandum No. 213, dated 14th May 1878.

Classified List of Officers of the Junior Division, Survey of

No. sanctioned	No. existing in each grade	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	*Period of service counting towards pension on 1st July 1889.
					Y. M. D.			Y. M. D.
		JUNIOR DIVISION.						
		Surveyors.						
8		1ST GRADE. *Salary R600.*						
		G. A. McGill	Topogl.	L. S.	51 2 7	Apl. 8, 1855	Mar. 7, 1882	34 2 3
	1	D. Atkinson	Topogl.		52 1 24	Aug. 4, 1856	Jan. 22, 1883	32 10 28
	2	C. Wood	G. T. S.	L. S.	49 11 10	May 6, 1858	Apl. 1, 1883	30 11 10
	3	H. E. T. Keelan	G. T. S.		46 3 1	Aug. 17, 1858	Oct. 29, 1883	22 8 7
	4	A. J. Wilson	Topogl.	L. S.	46 10 0	Oct. 1, 1860	June 2, 1884	29 0 0
	5	G. W. E. Atkinson	G. T. S.		45 8 20	Aug. 1, 1859	Nov. 10, 1884	29 8 20
	6	S. M. Smylie	Rev.	L. S.	48 7 7	July 24, 1860	June 27, 1886	26 3 3
	7	J. S. Pemberton	Rev.	L. S.	45 11 23	Oct. 6, 1860	Nov. 24, 1887	28 8 21
	8	H. R. Littlewood	Rev.	L. S. Burmese	45 7 25	Oct. 6, 1860	May 16, 1889	28 8 26
11 10		2ND GRADE. *Salary R400.*						
	1	W. Todd	G. T. S.		50 7 21	Jan. 11, 1856	June 1, 1874	31 4 23B
	2	*W. A. Wilson*	Rev.	L. S.	46 1 12	Jan. 1, 1861	Nov. 1, 1883	28 2 23
	3	A. McLawson	Rev.	L. S.	50 5 29	Nov. 18, 1862	June 2, 1884	26 7 13
	4	E. S. P. Atkinson	Topogl.		43 11 4	Aug. 13, 1861	Mar. 1, 1885	19 11 26
	5	A. J. Gibson	Rev.		47 7 0	May 1, 1861	Mar. 1, 1885	28 1 27
	6	M. J. Ogle	Topogl.		47 3 27	July 1, 1863	Nov. 15, 1885	24 3 27
	7	W. S. Buttress	Rev.		45 4 12	Sep. 1, 1860	July 1, 1886	28 10 0
	8	F. Adams	Topogl.		53 2 6	Oct. 1, 1860	Apl. 1, 1883	32 7 27O
	9	A. G. Wyatt	Topogl.		44 4 6	Nov. 1, 1861	Nov. 24, 1888	26 8 6
	10	H. W. Peychers	G. T. S.		46 6 18	April 8, 1862	May 13, 1889	27 2 23
	11	G. Belcham	G. T. S.	H. S.	44 4 15	Nov. 1, 1862	May 16, 1889	26 8 0

* Applies only to officers who are under the Uncovenanted Service Rules.

India Department, as it stood on 1st July 1889.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	Remarks.
	R a. p.			
...	600 0 0	. . . .	Chief Draftsman, Head Quarters, Calcutta.	Sick leave from 1st November 1871 to 28th February 1872. Service reckoned under old rules.
1	500 0 0	(a) Presidency house-rent, R45.	No. 8 (Bengal and Orissa) .	Service reckoned under old rules.
2	500 0 0	(b) Dehra Office, R50. .	Computing Dehra Dun . .	Service reckoned under old rules.
3	500 0 0	. . . .	No. 9 Chanda	On furlough from 12th May 1888 to 5th May 1889.
4	500 0 0	(a) Presidency house-rent R45.	Head Quarters, Calcutta. .	(A) Exclusive of 11 months and 13 days' furlough and 18 days' sick leave under new rules. Apprentice Draftsman from 1st January 1860.
5	500 0 0	(b) Dehra Office, R50.	Drawing Office, Dehra Dun .	Service reckoned under old rules.
6	500 0 0	(c) Presidency house-rent R45.	Head Draftsman, Head Quarters, Calcutta.	Furlough from 8th November 1882 to 11th March 1883.
7	500 0 0	. . . . .	No. 1 (Punjab) . . .	Overstayed privilege leave by 5 days in June 1869.
8	500 0 0	(d) Burma, R75 . .	No. 7 (Thongwa).	
1	400 0 0	. . . .	No. 10 (Bombay) . . .	(B) Inclusive of 2 years, which count as service out of 4 years 28 days' leave on medical certificate under old rules.
2		. . . .	On furlough	For one year from 24th March 1889.
3	400 0 0	. . . .	No. 17 (Bombay Forests).	
4	400 0 0	(a) Presidency house-rent R30.	Head Quarters, Calcutta .	Leave without allowance for 11 days in August 1868, 19 days in December 1868, and 5 days, medical leave in December 1868. Medical leave for 1 year 3 months and 13 days, from 26th July 1878 to 8th November 1879, and sick leave for 19 days in September 1867.
5	400 0 0	. . . .	No. 13 (Petul)	Absent without leave for 3 days in January 1866
6	400 0 0	(e) Upper Burma, R80.	No. 21 (Upper Burma) . .	Furlough to Europe for 1 year, from 21st November 1877 to 20th November 1878.
7	400 0 0	. . . . .	No. 3 (Nagpur) . .	Copyist from 1st to 30th September 1860.
8	400 0 0	(a) Presidency house-rent, R30.	Head Quarters, Calcutta .	(C) Inclusive of service as Sub-Surveyor, from 3rd November 1856 to 30th September 1860.
9	400 0 0	(e) Upper Burma, R80.	No. 21 (Upper Burma) . .	Furlough from 11th November 1883 to 6th November 1884.
10	400 0 0	(b) Dehra Office, R50 .	Computing Dehra Dun . .	Service reckoned under old rules.
11	400 0 0	(f) Deputation R50 and (g) charge R100.	In temporary charge, No. 25 (Tidal and Levelling.)	Ditto Ditto.

(a) Financial Resolution No. 704, dated 22nd February 1866.
(b) Financial Resolution No. 3996, dated 22nd December 1864, and No. 2579, dated 30th November 1871.
(c) Secretary of State's Despatch No. 13, dated 28th February 1889
(d) Department of Finance and Commerce, No. 5826, dated 25th October 1888.
(e) Department of Finance and Commerce, No. 756, dated 11th February 1869.
(f) Surveyor General's No. 9538—8, dated 29th September, 1885.
(g) Secretary of State's Despatch No. 121 (Financial), dated 7th May 1885.

Classified List of Officers of the Junior Division, Survey of India

No. sanctioned.	No. existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	*Period of service counting towards pension on 1st July 1889.
					Y. M. D.			Y. M. D.
		JUNIOR DIVISION —*contd.*						
		Surveyors—*contd.*						
		3RD GRADE. *Salary R350*						
14	1	H. Dowman	Rev.		43 0 20	Oct. 16, 1862	Sep. 5, 1883	26 8 1
	2	E. G. Little	Rev.		43 8 19	Jan. 1, 1860	Sep. 23, 1883	21 8 19A
	3	H. T. Hanby	Rev.	L. S.	42 8 12	Nov. 13, 1862	Oct. 29, 1883	26 7 18
	4	L. J. Pocock	G. T. S.	H. S.	45 9 5	July 10, 1863	Nov. 1, 1883	23 6 7B
	5	A. Christie	G. T. S.	H. S	43 9 1	Aug. 7, 1863	June 2, 1884	21 3 4
	6	W. J. O'Sullivan	G. T. S.		45 4 17	Oct. 1, 1863	Oct. 1, 1884	23 4 17
	7	W. W. McNair	Topogl.	L. S.	38 9 18	Sep. 1, 1867	Nov. 10, 1884	15 9 10
	8	N. C. Gwynne	G. T. S.		46 3 25	Oct. 19, 1863	March 1, 1885	24 3 25
	9	W. C. Price	G. T. S.		43 0 8	Nov. 1, 1863	Nov. 15, 1885	21 0 8
	10	C. H. McA'Fee	G. T. S.	L. S.	39 7 15	Sep. 6, 1864	July 1, 1886	17 6 15
	11	C. F. Hamer	Topogl.		42 10 24	Aug. 3, 1863	Aug. 29, 1888	20 8 24
	12	J. H. O'Donel	Rev.		43 11 20	Oct. 1, 1863	Nov. 24, 1888	21 11 20
	13	T. E. M. Claudius	Topogl.		43 1 0	Aug. 1, 1863	May. 13, 1889	21 1 0
	...	*W. Stotesbury*	Topogl.	H. S. L. S. Canarese.	41 11 6	Oct. 4, 1864	May 16, 1889	19 11 6
	14	A. J. James	Topogl.	L. S.	42 7 12	June 15, 1864	May. 16, 1889	20 7 12
18		4TH GRADE. *Salary R300.*						
	1	T. H. Rendell	G. T. S.		44 11 9	Oct. 11, 1864	June 1881	22 11 9
	2	*D. A. King*	Rev.		42 7 26	Apl. 12, 1864	Apl. 1, 1883	19 1 14
	3	R. B. Smart	Rev.	L. S.	42 0 2	Jan. 1, 1864	Sep. 5, 1883	20 0 2
	4	F. Kitchen	Topogl.		43 3 7	Oct. 1, 1864	Sep. 23, 1883	21 1 7C
	5	Hugh Todd	G. T. S.		41 10 15	July 15, 1865	Oct. 6, 1883	19 9 16D
	6	E. J. Connor	G. T. S.	L. S.	40 10 15	Mar. 1, 1865	Nov. 1, 1883	18 4 10E

* Applies only to officers who are under the Uncovenanted Service Rules.

Department, as it stood on 1st July 1889—continued.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	Remarks.
	R a p.			
1	350 0 0	. . . . .	No. 9 (Chanda) . . .	Absent without leave 3 days; sick leave 2 days in October 1865, 4 days in December 1865, and from 11th to 16th December 1866
2	350 0 0	(a) Charge allowance R50 .	In charge Balaghat Detachment	Apprentice from 1st January 1860 to 4th November 1862 (A) Exclusive of 7 years 9 months 14 days' service under 22 years of age.
3	350 0 0	(b) Charge allowance R100	In temporary charge No 4 (Eastern Bengal)	
4	350 0 0	. . . . .	No. 14 (Hoshangabad) . .	(B) Exclusive of 89 days' sick leave.
5	350 0 0	. . . . .	No 14 (Hoshangabad) . .	Furlough from 18th November 1886 to 15th May 1887
6	350 0 0	(c) Charge allowance R50	In charge Chittagong Detachment	
7	350 0 0	(d) Baluchistan, R80 .	No 15 (Baluchistan) . .	Furlough for 1 year, from 28th March 1883. On duty in England for 3 months from 28th March 1884 Extraordinary leave for 6 weeks from 28th June 1884.
8	350 0 0	. . . . .	Drawing Office, Dehra Dun	
9	350 0 0	(e) Presidency house-rent R30	Head Quarters, Calcutta	
10	350 0 0	. . . . .	Drawing Office, Dehra Dun .	Sick leave for 1 month, from 30th December 1882 Passed the Poona C. E. College Examination in 1864.
11	350 0 0	. . . . .	No 19 (Madras).	
12	350 0 0	(f) Assam, R50 . .	No 6 (Assam).	
13	350 0 0	(d) Baluchistan, R80 .	No 15 (Baluchistan).	
..	400 0 0	. . . . .	Draftsman and Compiler, Head Quarters, Calcutta	
14	350 0 0	(e) Presidency house-rent R30.	Lushai Detachment.	
1	300 0 0	. . . . .	Drawing Office, Dehra Dun.	
2	.....	. . . . .	On medical leave . . .	For 1 year from 20th December 1887. Extension for 9 months and 23 days Apprentice from 12th April to 30th June 1864
3	300 0 0	. . . . .	No. 8 (Bengal and Orissa) .	Apprentice from 1st January to 31st December 1864
4	300 0 0	(g) Upper Burma, R80 .	No. 21 (Upper Burma) . .	(C) Exclusive of 2 months' sick leave.
5	300 0 0	. . . . .	No 19 (Madras)	(D) Exclusive of 30 days' sick leave.
6	300 0 0	. . . . .	No. 25 (Tidal and Levelling) .	(E) Exclusive of 6 months and 5 days' leave on private affairs under new rules.

(a) Surveyor General's No 2079S, dated 20th November 1888
(b) Department of Finance and Commerce No. 1235, dated 5th June 1885.
(c) Surveyor General's No 2080S, dated 20th November 1888.
(d) Department of Finance and Commerce No 5826, dated 25th October 1888.
(e) Financial Resolution No 704, dated 22nd February 1866
(f) Department of Revenue and Agriculture No 27S, dated 18th January 1884.
(g) Department of Finance and Commerce No. 756, dated 11th February 1889.

Classified List of Officers of the Junior Division, Survey of Indi

No. sanctioned	No. existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	*Period of service counting towards pension on 1st July 1889.
					Y. M D.			Y. M. D.
		JUNIOR DIVISION —contd.						
		Surveyors—concld.						
		4TH GRADE—*concld.*						
		Salary R300—concld.						
	7	J. Connor	Rev.		41 9 24	Feb. 15, 1865	June 2, 1884	19 9 24
	...	*T. H. Dunne*	Rev.	L. S.	39 6 7	Feb. 15, 1865	Sep. 1, 1884	17 5 26
	8	J. Bond	G. T. S.		39 5 24	Oct. 18, 1866	Oct. 1, 1884	17 5 4A
	9	C. D. Potter	G. T. S.	L. S.	43 9 27	Oct. 29, 1866	Nov. 10, 1884	21 8 24B
	10	J. Newland	Rev.	L. S.	51 10 26	Oct. 22, 1863	Mar. 1, 1885	25 8 10
	11	C. Tapsell	Topogl.	L. S.	44 7 17	Aug 2, 1864	July 1, 1886	22 7 17
	12	J. A Barker	Topogl.		43 2 18	Sep. 1, 1865	Aug. 1, 1886	21 2 18
	13	E. A. Wainright	Topogl.		41 0 23	May 1, 1866	Nov 24, 1887	19 0 23
	14	R. C. D. Ewing	Rev.	H. S.	41 0 20	June 9, 1866	Aug. 29, 1888	16 11 25
	15	W. J. Cornellus	Topogl.	L S.	40 3 1	Aug 15, 1866	Nov. 24, 1889	18 3 1
	16	G. W. Jarbo	Rev.	L S	41 9 15	Nov. 1, 1866	Dec. 3, 1888	19 9 0
	...	*P. J. W. Doran*	Topogl	L. S.	40 1 27	Feb. 1, 1867	May 13, 1889	17 5 3
	17	J. R. Scott	Rev.	L S.	40 3 27	Jan. 19, 1867	May 13, 1889	18 3 27
	18	J. McHatton	Rev	L. S.	39 11 14	July 1, 1867	May 16, 1889	16 11 14
41		**Assistant Surveyors.**						
		1ST GRADE.						
		Salary R200 rising to R250.						
	1	H. T. Kitchen	Topogl.		41 0 23	Nov. 1, 1867	Apl. 1, 1881	19 0 23
	2	J. H. Wilson	Topogl.	L. S. Elementary Standard, Burmese.	43 0 23	Apl. 1, 1868 D	Apl. 1, 1881	20 10 23E
	3	J Hickie	G. T. S.	L S.	40 5 17	Apl. 29, 1868	Apl. 1, 1881	17 11 17
	4	S O. Madras	Rev.		38 10 16	July 6, 1868	Apl. 1, 1881	16 10 16
	5	G. D. Cusson	G. T. S.	L. S.	42 9 7	May 8, 1868	Apl. 1, 1881	19 9 7F
	6	T. F. Freeman	Rev.	L S.	38 3 27	Sep. 9, 1868	Apl. 1, 1881	13 8 27
	...	*G. C. Swiney*	Rev.		40 0 4	Sep. 17, 1868	Apl. 1, 1881	18 0 4
	7	J. S Swiney	Rev.		38 6 12	Jan. 5, 1869	Apl. 1, 1881	16 6 12
	8	C. P. Torrens	G. T. S.		38 0 12	Dec. 12, 1868	Apl. 1, 1881	16 0 10G
	9	W. Robert	Topogl.		38 10 2	Aug. 21, 1869	Apl. 1, 1881	16 10 2
	10	T. Shaw	Rev.	L. S	36 7 15	Apl. 21, 1869	Apl. 1, 1881	14 7 15

* Applies only to officers who are under the Uncovenanted Service Rules.

Department, as it stood on 1st July 1889—continued.

No existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	Remarks.
	R a p.			
7	300 0 0	(a) Assam, R50	No. 6 (Assam).	
...			On deputation, Central Provinces.	Absent without leave 1 day, and sick leave for 10 days in October 1885.
8	300 0 0		No. 25 (Tidal and Levelling)	(A) Exclusive of 20 days' sick leave.
9	300 0 0		No 18 (Himalaya)	(B) Exclusive of 33 days' sick leave
10	300 0 0		No. 11 (Nimar).	
11	300 0 0		No 10 (Bombay).	
12	300 0 0	(b) Burma, R75	No. 20 (Burma).	
13	300 0 0		Drawing Office Dehra Dun.	
14	300 0 0		No. 8 (Bengal and Orissa)	Furlough from 17th September 1885 to 11th September 1887.
15	300 0 0		Drawing Office, Dehra Dun.	
16	300 0 0	(b) Burma, R75	No 7 (Thongwa)	Sick leave for 15 days, from 26th May to 9th June 1869.
...	325 0 0		Draftsman, Head Quarters, Calcutta.	
17			On deputation, Central Provinces	
18	300 0 0		No. 2 (Bilaspur)	Furlough for 1 year, from 1st January to 31st December 1879.
1	300 0 0	(c) Presidency house-rent R30.	Head Quarters, Calcutta	Officiating Surveyor, 4th Grade.
2	250 0 0	(b) Burma, R75	No. 20 (Burma)	Officiating Surveyor, 4th Grade. (D) Commencement of second service. (E) Exclusive of 4 months' sick leave from 1st July 1869. Appointed Draftsman from 15th May 1863.
3	250 0 0	(d) Upper Burma, R80.	No. 24 (Upper Burma)	Exclusive of 6 months' sick leave.
4	250 0 0	(c) Presidency house-rent R20.	Head Quarters, Calcutta.	
5	250 0 0		No. 10 (Bombay)	(F) Exclusive of furlough for 364 days, from 1st November 1879 to 30th October 1880.
6	250 0 0		No. 5 (Jhansi)	Sick leave for 2 years, from 1st May 1880, extension for 9 months without pay up to 31st January 1883.
...			On deputation, Central Provinces	
7	250 0 0	(b) Burma, R75	No. 7 (Thongwa).	
8	250 0	(b) Ditto R75	No. 20 (Burma)	(G) Exclusive of 2 days' overstayed privilege leave.
9	250 0 0		No. 18 (Himalaya).	
10	250 0 0		No. 44 (Srinagar).	

(a) Department of Revenue and Agriculture, No. 278., dated 16th January 1884.
(b) Department of Finance and Commerce, No. 5826, dated 25th October 1888.
(c) Financial Resolution No. 704, dated 22nd February 1866.
(d) Department of Finance and Commerce, No. 756, dated 11th February 1889.

Classified List of Officers of the Junior Division, Survey of India

No. sanctioned	No. existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	*Period of service counting towards pension on 1st July 1889.
		JUNIOR DIVISION —*contd.*			Y M. D			Y. M. D.
		Assistant Surveyors —*contd.*						
		1ST GRADE—*contd.* *Salary R200 rising to R250*—contd						
	11	C. W. Wilson	Rev.	L S.	43 7 22	June 21, 1867A	Apl. 1, 1881	21 2 22
	12	E. J. Martin	Rev		38 5 13	Sep. 16, 1867	Apl. 1, 1881	15 3 13
	13	C W. F. Seyers	Rev		45 10 15	Dec. 1, 1864	June 7, 1881	23 10 15
	14	W. H. Penrose	Rev.	L S.	37 8 24	Aug 11, 1869	Nov. 1, 1882	15 1 17
	...	*G. E. Parker*	Rev.		39 4 18	Nov 18, 1870	Jan. 17, 1883	17 4 18
	15	G. Campbell	Rev.		40 11 19	Jan. 1, 1864	Jan. 22, 1883	17 11 9
	16	W. C. G. Barckley	Topogl.		37 8 9	Dec 1, 1871	Feb. 22, 1883	15 8 9R
	17	G. T. Hall	G. T. S.	L. S.	37 6 29	Nov. 22, 1872	Apl. 1, 1883	15 6 29
	18	G. Vandei Beek	Topogl.	L. S.	39 9 15	July 1, 1872	Apl. 30, 1883	17 9 15
	19	R. Todd	Topogl.		43 11 20	Nov. 1, 1863	July 21, 1883	21 11 19
	20	J. Murphy	Rev.		36 11 19	Nov. 22, 1868	Aug. 10, 1883	14 11 19
	21	A W. Smart	Rev.		38 4 1	Dec. 1, 1871	Oct. 6, 1883	16 4 1
	22	W. M. Kelly	Rev.	L S.	34 10 25	Oct. 1, 1872	Nov. 21, 1883	12 10 25
	23	A. Kitchen	Topogl.		36 5 4	Oct. 11, 1872	Dec. 1, 1883	14 5 4
	...	*E. P. S. Hill*	Rev.	H S, L S., Persian.	33 11 15	Nov. 16, 1872	June 2, 1884	11 11 15
	24	R. R. Dickanson	Rev.	L. S.	37 11 6	Apl. 16, 1873	Sep. 1, 1884	15 11 6
	25	E. Graham	Topogl.	L S.	35 8 0	Aug. 11, 1873	Nov. 10, 1884	13 8 0
	26	G. A. Knight	Topogl.		35 2 9	Aug. 11, 1873	Mar. 1, 1885	13 2 9
	27	W. A. Fielding		L. S.	40 1 3	May 1, 1868 Oct. 1, 1870	Apl. 1, 1881	19 1 13
	...	*P. A. Peters*	Rev.	L. S.	34 6 23	Nov. 1, 1873	May 14, 1886	12 6 25
	28	P. F. Prunty	G. T. S.		34 16 6	May 9, 1874	May 14, 1886	12 6 6

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Department, as it stood on 1st July 1889—continued.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	Remarks.
	R a p			
11	250 0 0	. . . .	No. 13 (Betul)	(A) Commencement of second service Sick leave for 3 months from 1st March 1869, and 2 months from 1st August 1869
12	250 0 0	(a) Presidency house-rent R20.	Head Quarters, Calcutta . .	On medical leave for 6 months from 13th April 1888 Furlough from 1st April to 30th November 1882 Office Assistant from 16th September 1867 to 3rd July 1870.
13	240 0 0	. . . . .	No 13 (Betul).	
14	250 0 0	(b) Burma, R75 . .	No 20 (Burma)	Leave on medical certificate, from 22nd October to 28th November 1883, and for 6 months from 3rd August 1886 to 2nd February 1887.
.	. . . . .	. . . . .	On deputation, Central Provinces.	
15	250 0 0	. . . .	No. 1 (Punjab) . . .	Office Assistant, from 1st January 1864 to 20th February 1874 Furlough for 1 year, from 22nd September 1881 to 21st September 1882
16	250 0 0	(b) Baluchistan, R80 .	No 15 (Baluchistan) . .	(B) Inclusive of special leave to Europe on full pay for 1 year 10 months and 26 days, from 7th April 1876 to 2nd March 1878
17	250 0 0	. . . .	No. 12 (Saugor).	
18	250 0 0	. . . .	No 3 (Nagpur) . . .	Apprentice Draftsman, from 11th October 1870 to 30th July 1872
19	250 0 0	. . . .	No 19 (Madras) . . .	Suspension from 11th May to 6th June 1883.
20	250 0 0	. . . .	No 5 (Jhansi) . . .	Office Assistant, from 22nd November 1868 to 31st October 1871.
21	250 0 0	. . . .	No 5 (Jhansi) . . .	Three months' sick leave from 8th July 1880.
22	250 0 0	(a) Half scale local, R15 0-0	No 10 (Bombay) . . .	Re-appointed to the Department, 1st October 1878, after employment in the Forest Department, from 1st November 1877 to 30th September 1878
23	250 0 0	. . . .	Drawing Office, Dehra Dun.	
...	. . . .	. . . .	On deputation, Central Provinces	
24	240 0 0	. . . .	No 10 (Bombay) . . .	Apprentice from 1st April 1872 to 15th April 1873.
25	240 0 0	(b) Baluchistan, R80 .	No. 15 (Baluchistan) . .	Previous service as Sub-Surveyor from 1st November 1872.
26	240 0 0	(a) Half scale local, R12 6 4	No 10 (Bombay).	
27	250 0 0	. . . .	No. 18 (Himalaya) . . .	(C) Date of re-appointment. Inclusive of services in the Bombay Secretariat from 1st April 1886 to 30th September 1887.
...	. . .	. . . .	On deputation, Straits Settlement	
28	230 0 0	. . . .	No 18 (Himalaya).	

(a) Financial Resolution No 704, dated 22nd February 1866.
(b) Department of Finance and Commerce No. 5826, dated 25th October 1888.

Classified List of Officers of the Junior Division, Survey of India

No. sanctioned.	No. existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	*Period of service counting towards pension on 1st July 1889.
		JUNIOR DIVISION —*contd.*			Y. M. D.			Y. M. D.
		Assistant Surveyors—*contd.*						
		1ST GRADE—*concld.*						
		Salary R200 rising to R250—concld.						
	29	P. White	Topogl.	L. S.	38 8 23	Oct. 1, 1872	Oct. 1, 1884	14 6 15A
	30†	J. Keating	G. T. S.		35 1 27	June 1, 1874	July 1, 1886	13 1 27
	31	C. S. Kraal	Rev.	L. S.	35 8 6	July 24, 1874	Aug. 1, 1886	13 7 19
	32	S. F. Norman	G. T. S.		34 10 23	Sep. 1, 1874	Apl. 1, 1887	12 10 23
	33	C. Norman	G. T. S.	L. S.	33 1 12	Oct. 12, 1874	Apl. 1, 1887	11 1 12
	34	D. Campbell	Topogl.		36 7 13	Nov. 1, 1874	Apl. 1, 1887	14 7 13
	35	L. F. Berkeley	Rev.	L. S.	34 0 3	Aug. 16, 1875	Nov. 24, 1887	12 10 3
	36	G. P. Tate	†	L. S.	32 11 9	Mar. 12, 1878	Aug. 29, 1888	10 11 9
	37	J. M. Kennedy	G. T. S.		32 7 28	Aug. 19, 1875	Nov. 1, 1888	10 7 28
	38	P. C. H. Smart	†		33 9 15	Apl. 18, 1878	Nov. 24, 1888	10 9 6
	39	R. F. Warwick	G. T. S.	L. S.	34 3 6	July 2, 1875	May 9, 1889	10 1 29B
	40	A. George	†	L. S.	36 5 18	Oct. 15, 1878	May 13, 1889	10 8 17C
	41	W. H. D. Ewing	†	L. S.	31 10 7	Apl. 15, 1878	May 16, 1889	9 8 6D
		2ND GRADE.						
		Salary R160 rising to R200.						
1	1	B. M. Wilson	Rev.		41 2 17	Nov. 15, 1872	Apl. 1, 1881	17 5 0
2	2	C. George	†	L. S.	36 6 24	Sep. 5, 1878	Dec. 1, 1883	14 6 24
3	3	*R. W. Senior*	†	L. S.	28 7 18	Dec. 21, 1878	Oct. 1, 1884	6 5 25
4	4	J. A. Higgs	†	L. S.	30 2 13	Sep. 12, 1881	Nov. 28, 1884	7 1 7
5	5	O. D. Smart	†		31 9 15	Oct. 1, 1881	Mar. 1, 1885	9 7 0
6	6	A. Ewing	†		27 6 0	Nov. 16, 1881	Oct. 1, 1885	5 6 0
7	7	M. Gastaud	†		27 3 24	May 1, 1882	Oct. 30, 1885	5 3 24
8	8	P. Beechey	†	L. S.	27 11 14	Dec. 1, 1882	Apl. 1, 1886	5 11 14
9	9	E. F. Berkeley	†	L. S.	24 8 10	Sep. 1, 1883	May 14, 1886	2 8 10
10	10	B. R. Hughes	†	L. S.	23 0 18	Oct. 15, 1883	July 1, 1886	1 0 18
11	11	F. W. Moore	†		24 6 11	Dec. 13, 1883	July 1, 1886	2 6 11
12	12	J. P. Barker	†		23 10 10	Dec. 23, 1883	Aug. 1, 1886	1 10 10

* Applies only to officers who are under the Uncovenanted Service Rules.
† Joined the Department after the amalgamation on 1st January 1878.

Department, as it stood on 1st July 1889—continued.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	Remarks.
	R a. p.			
29	230 0 0	. . . .	No 11 (Nimar)	(A) Exclusive of sick leave for 3 months, from 21st October 1878. Leave extended for 3 months, further extension of leave without pay up to 17th August 1879. On half-pay list, from 18th August 1879 to 31st August 1880 On sick leave for 1 year, from 17th October 1881 Extension to 28th January 1883. On sick leave for 3 months, from 6th November 1883 to 4th February 1884.
30	230 0 0	(a) Upper Burma R80 .	No 24 (Upper Burma)	
31	220 0 0	. . . .	No. 8 (Bengal and Orissa) .	Sick leave, from 6th to 22nd February 1879.
32	220 0 0	(b) Half scale local, R13 3 2.	No 17 (Bombay Forests)	
33	220 0 0	(b) Ditto 13-3-2 .	No. 17 (Bombay Forests).	
34	220 0 0	. . . .	No. 14 (Hoshangabad) . .	Joined as a Sub Surveyor on 3rd July 1872.
35	210 0 0	. . . .	No 4 (Eastern Bengal).	
36	200 0 0	(c) Baluchistan, R80 .	No 15 (Baluchistan) . .	Apprentice from 1st March 1874 to 11th March 1878.
37	200 0 0	(a) Upper Burma, R80 .	No. 21 (Upper Burma).	
38	200 0 0	. . . .	No 2 (Bilaspur) . . .	Sick leave from 8th April to 14th September 1883
39	200 0 0	. . . .	No. 4 (Eastern Bengal) .	(B) Exclusive of leave on medical certificate for 2 months, from 10th October to 9th December 1877 Also for 6 months from 1st May to 31st October 1879. Also for 4 months and 25 days, from 30th August 1881 Also from 16th August 1882 to 14th August 1883.
40	200 0 0	. . . .	No. 9 (Chanda) . . .	(C) Exclusive of previous service as Sub-Surveyor
41	200 0 0	. . . .	No 1 (Punjab) . . .	(D) Exclusive of 2 months and 1 day's suspension, from 28th May to 1st July 1880, and sick leave from 2nd to 28th July 1880.
1	192 0 0	(b) Presidency house-rent R20.	Head Quarters, Calcutta . .	Apprentice from 1st February to 14th November 1872.
2	192 0 0	. . . .	No 11 (Nimar) . . .	Previous service as Sub-Surveyor from 18th August 1874
3	...	. . . .	On medical leave . . .	For 4 months from 8th May 1889.
4	184 0 0	. . . .	No 8 (Bengal and Orissa) .	On medical leave, from 7th March 1888 to 18th November 1888 Previous service as apprentice from 31st July 1878.
5	184 0 0	. . . .	No 3 (Nagpur) . . .	Includes service in the temporary or Cadastral Establishment without interruption, from 1st December 1879 to 30th September 1881.
6	184 0 0	. . . .	No. 9 (Chanda).	
7	184 0 0	(d) Assam, R40 . .	No 6 (Assam).	
8	176 0 0	(c) Burma, R75 . .	No 7 (Thongwa).	
9	176 0 0	. . . .	No 4A (Srinagar)	
10	184 0 0	(a) Upper Burma, R80 .	No. 24 (Upper Burma)	
11	176 0 0	. . . .	No 2 (Bilaspur)	
12	176 0 0	. . . .	No 4A (Srinagar).	

(a) Department of Finance and Commerce, No 756, dated 11th February 1889.
(b) Financial Resolution No 704, dated 22nd February 1866
(c) Department of Finance and Commerce, No 5826, dated 25th October 1888
(d) Department of Revenue and Agriculture, No. 378., dated 18th January 1884.

Classified List of Officers of the Junior Division, Survey of India

No. sanctioned.	No existing in each grade.	Names of Officers.	Branch to which originally posted	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	* Period of service counting towards pension on 1st July 1889.
		JUNIOR DIVISION —*concld.*			Y. M. D.			Y. M D.
		Assistant Surveyors— *concld.*						
		2ND GRADE—*concld.* *Salary R160 rising to R900—* concld						
	13	N. Bedford	†	. . . .	11 15	Jan. 10, 1884	Apl. 1, 1887	5 5 21
	14	T. J. J Mills	†	. . . .	25 6 1	Mar 14, 1884	Apl 1, 1887	3 6 1
	15	P. J Serrao	†	. . . .	27 11 28	Apl. 24, 1884	Nov. 24, 1887	5 2 6
	16	J. Smith	†	. . . .	25 9 17	Aug. 1, 1884	Aug. 29, 1888	3 9 17
	17	*T. W. Babonau (Jr)* . .	†	L. S.	22 11 21	Jan. 15, 1884	Apl. 1, 1887	0 8 29
	18	W E. Johnson . . .	†	. . . .	27 9 16	Aug. 18, 1884	Nov. 1, 1888	4 10 15
	19	W. V. Skilling . . .	†	L S.	22 2 6	Nov. 24, 1884	Nov. 24, 1888	0 2 6
	20	A. B. Smart	†	. . . .	23 9 4	Feb. 25, 1885	May 9, 1889	1 9 4
	21	C. G Lee	†	. . . .	22 10 8	Mar 1, 1886	May 13, 1889	0 10 8
	22	F S Bell	†	. . . .	24 9 2	Sep. 24, 1886	May 6, 1889	2 9 2
22		3RD GRADE. *Salary R100 rising to R160.*						
	1	F. E. Warde	†	. . . .	37 9 24	Nov. 13, 1884A	Nov. 13, 1884	4 7 19
	2	H. A Charrier . . .	†	L. S.	24 8 8	Apl. 21, 1884	Apl. 21, 1884	2 7 26
	3	F P Walsh	†	. . . .	22 7 10	Mar. 4, 1886	Mar. 4, 1886	0 7 10
	4	F. B Powell	†	. . . .	24 10 21	Sep. 23, 1886	Sep. 23, 1886	2 9 8
	5	Yusaf Sharif, Khan Bahadur .	†	. . . .	42 6 14	June 16, 1867	Dec. 1, 1886	20 6 13
	6	Rai Hira Singh, Bahadur .	†	. . . .	37 10 0	Nov. 13, 1873	Mar. 12, 1887	15 5 18
	7	J. A. T Haddock . . .	†	Elementary Standard, Burmese	25 8 16	Nov. 26, 1887	Nov. 26, 1887	1 9 5
	8	J. H Murphy	†	. . . .	19 11 6	Nov. 1, 1887	Nov. 1, 1887	. . .
	9	W. J. Baker	†	. . . .	22 10 14	Jan. 25, 1888	Jan 25, 1888	0 10 14
	10	C. G S. Wood. . . .	†	L. S.	21 0 0	Aug. 2, 1884	Aug. 2, 1884	. . .
	11	C. S Gasper	†	. . . .	20 10 21	Mar. 2, 1888	Mar. 2, 1888	. . .
	12	C H. G. Johnson . . .	†	. . . .	20 0 17	Nov. 13, 1888	Nov. 13, 1888	. . .
	13	H G. Shaw	†	. . . .	27 4 11	Jan. 1, 1889	Jan. 1, 1889	5 4 11B
	14	*Vacant*	. . . .	. . . .	. . .	. . . .	. . . .	. . .
	15	Ditto	. . . .	. . . .	. . .	. . . .	. . . .	. . .
	16	Ditto	. . . .	. . . .	. . .	. . . .	. . . .	. . .
	17	Ditto	. . . .	. . . .	. . .	. . . .	. . . .	. . .
	18	Ditto	. . . .	. . . .	. . .	. . . .	. . . .	. . .
	19	Ditto	. . . .	. . . .	. . .	. . . .	. . . .	. . .
	20	Ditto	. . . .	. . . .	. . .	. . . .	. . . .	. . .
	21	Ditto	. . . .	. . . .	. . .	. . . .	. . . .	. . .
	22	Ditto	. . . .	. . . .	. . .	. . . .	. . . .	. . .

* Applies only to officers who are under the Uncovenanted Service Rules.
† Joined the Department after the amalgamation on 1st January 1878.

Department, as it stood on 1st July 1889—concluded.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	Remarks.
	R a. p.			
13	176 0 0	. . . . .	No. 5 (Jhansi).	
14	176 0 0	. . . .	No. 19 (Madras).	
15	168 0 0	. . . .	No. 12 (Saugor).	
16	160 0 0	(a) Assam, R40 .	No. 6 (Assam).	
17	. . . .	. . . .	. . . . .	Extraordinary leave for 6 months, from 6th April 1889.
18	160 0 0	. . . .	No. 4 (Eastern Bengal).	
19	160 0 0	. . . .	No. 5 (Jhansi).	
20	160 0 0	(b) Presidency house-rent R20.	No 8 (Bengal and Orissa).	
21	160 0 0	. . . .	No. 4 (Eastern Bengal) . .	Previous service in the Cadastral Establishment without interruption, from 1st December 1883 to 28th February 1886.
22	160 0 0	. . . .	No. 1 (Punjab).	
1	136 0 0	. . . .	No. 14 (Hoshangabad) . .	(A) Date of re-appointment.
2	136 0 0	. . . .	No. 11 (Nimar) . . .	Leave without pay, from 2nd to 13th May 1889.
3	136 0 0	. . . .	No. 1 (Punjab).	
4	136 0 0	. . . .	No. 4A (Srinagar).	
5	136 0 0	(c) Baluchistan, R80 .	No. 15 (Baluchistan) . .	Joined as Sub-Surveyor, 16th June 1887.
6	128 0 0	(c) Baluchistan, R 80 .	No. 15 (Baluchistan) . .	Joined as Sub-Surveyor. Previous service in G. T. O. Printing Section from 1st October 1871. Sick leave from 7th February to 6th April 1889.
7	128 0 0	(c) Burma, R75 . .	No 7 (Thongwa).	
8	128 0 0	. . . .	No. 5 (Jhansi).	
9	120 0 0	. . . .	No. 3 (Nagpur).	
10	128 0 0	(b) Presidency house-rent R20.	Head Quarters, Calcutta . .	Without allowances, from 12th May 1886 to 11th January 1889.
11	120 0 0	. . . .	No. 8 (Bengal and Orissa).	
12	120 0 0	. . . .	No. 13 (Betul) . . .	On probation.
13	120 0 0	. . . .	Computing Dehra Dun . .	(B) Includes previous service in the Meteorological Department without interruption from 1st January 1883 to 31st December 1888.
14	. . . .	. . . .	. . . . .	
15	. . . .	. . . .	. . . . .	
16	. . . .	. . . .	. . . . .	
17	. . . .	. . . .	. . . . .	
18	. . . .	. . . .	. . . . .	
19	. . . .	. . . .	. . . . .	
20	. . . .	. . . .	. . . . .	
21	. . . .	. . . .	. . . . .	
22	. . . .	. . . .	. . . . .	

(a) Department of Revenue and Agriculture, No. 278, dated 18th January 1884.
(b) Financial Resolution No. 704, dated 22nd February 1866.
(c) Department of Finance and Commerce, No. 5826, dated 25th October 1888.

Names of Administrative and Technical Offices of the Survey of India Department, as they stood on 1st July 1889.

Names of Offices and Sections.	Nature of Current Operations.	Administrative Superintendent.
Head Quarters, Calcutta.		
Administrative.		
Surveyor-General's	Accounts, Correspondence	A. S. G., S. G. O.
Deputy Surveyor-General's, Topo.	Ditto	
Ditto, Rev.	Ditto	D. S. G., Rev.
Map Record and Issue	Correspondence, Receipts and Issues	A. S. G., D. O.
Technical.		
Drawing and Compiling	Mapping	A. S. G., D. O.
Engraving	On copper by hand	
Lithographic and Printing	Mapping, Litho. and Type Printing	A. S. G., Photo.
Photozincographic	Photo. Reproduction and Zinc Printing	
Mathematical Instrument	Repairing, storing and Issue	A. S. G., S. G. O.
Trigonometrical Branch, Dehra Dun.		
Administrative.		
Deputy Surveyor-General's, Trigonometrical Branch	Accounts, Correspondence	D. S. G., Trig.
Technical Sections.		
Computing	Reduction and Publication	Ditto.
Drawing and Compiling	Mapping	Ditto.
Meteorological		Ditto.
Photozincography	Photo. Reproduction and Zinc Printing	Ditto.
Printing	Letter-press Printing	Ditto.
Solar Photography	Solar Photography	Ditto.
Head Quarters Office, Simla.		
Administrative.		
Surveyor General's	Direction and Correspondence	S. G.

Names of Field Parties of the Survey of India Department, as they stood on 1st July 1889.

Number of Party.	Locale of Operations.	Abbreviation	Nature of Current Operations	Administrative Superintendent.
No 1	Punjab	Punj	Traversing and Compilation	D S G, Eev.
„ 2	Bilaspur	Bil	Cadastral	Ditto.
„ 3	Nagpur	Nag	Traversing	Ditto.
„ 4	Eastern Bengal	East Beng	Cadastral	Ditto.
„ 4A	Srinagar	Sri.	Ditto	Ditto.
„ 5	Jhansi	Jhansi	Ditto	Ditto.
„ 6	Assam	Assam	Ditto	Ditto
„ 7	Thongwa	Thongwa	Ditto	Ditto.
„ 8	Bengal and Orissa	Beng.	Cadastral and Special	Ditto
„ 9	Chanda	Chanda	Traversing	Ditto.
„ 10	Bombay	Bom	Topographical	Ditto.
„ 11	Nimar	Nimar	Traversing	Ditto.
„ 12	Saugor	Saug	Ditto	Ditto.
„ 13	Betul	Betul	Ditto	Ditto.
„ 14	Hoshangabad	Hoshang	Forests	D. S G, Trig
„ 15	Baluchistan	Bal	Topographical	D S G, Topo
„ 17	Bombay	Bom For	Forests	Ditto.
„ 18	Himalaya	Him	Topographical	D S G., Trig.
„ 19	Madras	Mad	Forests	D S G, Topo
„ 20	Burma	Bur	Ditto	Ditto
„ 21	Upper Burma	U Bur.	Topographical	Ditto.
„ 22	Southern India	Ast I	Latitude Observations	D. S. G., Trig.
„ 23	Ditto	Ast II	Ditto	Ditto.
„ 24	Upper Burma	U Bur.	Triangulation	Ditto.
„ 25	Indian	Tidal	Tide Registering and Levelling	Ditto.

Disposition List of Officers of the Survey of India Department attached to the Head Quarters Offices at Calcutta and the Trigonometrical Branch Office at Dehra, 1st July 1889.

Name of Office	Administrative Officers.	Officers of the Senior Division.	Officers of the Junior Division.	Class.	Grade.	Date of appointment.	Detail of superintendence and remarks.
Surveyor-General of India . .	Colonel H. R Thuillier, R E.	. . .	. . . .	. .	. .	Feb. 19, '87	On privilege leave for 3 months, from 11th April 1889. Direction of all Offices and Superintendence of—
	Colonel J Sconce, R.C., officiating	. . .	. . . .	. .	. .	Apl. 11, '89	
Deputy Surveyor-General, in charge Topographical Branch.	. . . . .	. . .	. . . .	. .	. .	Ditto .	No. 15 Party (Baluchistan).
							No. 17 Party (Bombay Forests).
							No 19 Party (Madras).
							No. 20 Party (Burma).
							No. 21 Party (Upper Burma).
(Offices, Calcutta and Simla.)							Lushai Detachment.
Deputy Surveyor-General, in charge Revenue Branch.	Col. J. Sconce, R C	. . .	. . . .	. .	. .	Jan. 1, '79	Superintendence of—
	Officiating Surveyor General of India.	. . .	. . . .	. .	. .	Apl. 11, '89	
	Lt.-Col. C Strahan, R E, officiating.	. . .	. . . .	. .	. .	Ditto .	No 1 Party (Punjab).
							No 2 Party (Bilaspur).
							No 3 Party (Nagpur)
							No 4 Party (Eastern Beng.)
							No. 4A (Srinagar).
							No. 5 Party (Jhansi)
							No. 6 Party (Assam)
							No. 7 Party (Thongwa)
							No. 8 Party (Bengal and Orissa).
							No 9 Party (Chanda).
							No. 10 Party (Bombay)
							No 11 Party (Nimar).
							No 12 Party (Saugor).
Office, Calcutta.							No 13 Party (Betul).

Disposition List of Officers of the Survey of India Department, attached to the Head Quarters Offices at Calcutta and the Trigonometrical Branch Office at Dehra, 1st July 1889—continued.

Name of Office.	Administrative Officers.	Officers of the Senior Division.	Officers of the Junior Division.	Class.	Grade.	Date of appointment.	Details of superintendence and remarks.
Deputy Surveyor-General, in charge Trigonometrical Branch.	Major-General C. T Haig, R.E., on furlough.	. . .	. . . . .	. .	. .	Feb. 19, '87	Superintendence of Offices at Dehra and of—
	Lt.-Col. G Strahan, R. E., officiating.	. . .	. . . . .	. .	. .	Nov. 15, 88	No. 14 Party (Hoshangnabad).
							No. 18 Party (Himalaya).
							No. 22 Party (Ast. I).
							No. 23 Party (Ast. II).
							No 24 Party (Upper Burma).
							No. 25 Party (Tidal & Levelling).
Doing duty . .	. . . . .	Major St. G C. Gore, R.E.	. . . . .	D. Sup.	4th	Apl. 17, 89	Offg. 3rd Grade in charge, Drawing Section.
		W. H. Cole, M.A.	. . . . .	D. Sup.	3rd	Feb. 23, 89	Offg Dy Supdt., 2nd Grade. In charge Computing.
			C. Wood . .	S.	1st	May 1, 65	Computing.
			G. W. E. Atkinson	S.	1st	Sep. 1, 70	Drawing Section.
			H. W. Peychers .	S.	2nd	Sep. 1, 71	Computing.
			N. C. Gwynne .	S.	3rd	Oct. 1, 86	Drawing Section.
			C. H. McA'Fee. .	S.	3rd	Feb. 1, 85	Ditto.
			T. H. Rendell .	S.	4th	Aug. 1, 86	Ditto.
			E. A. Wainright .	S.	4th	Oct. 2, 88	Ditto.
			W. J. Cornelius .	S.	4th	Oct. 1, 87	Ditto.
			A. Kitchen . .	A. S.	1st	Oct. 1, 88	Ditto.
Offices, Dehra and Mussoorie.			H G. Shaw . .	A. S.	3rd	Jan. 1, 89	Computing.
Assistant Surveyor-General, Drawing and Engraving Offices.	Lt.-Col. C. Strahan, R.E.	. . . .	. . . . .	D. Sup.	1st	May 23, '84	Offg. Deputy Surveyor-General in charge, Revenue Branch.
			G. A. McGill .	S.	1st	Dec. 20, 82	
						June 2, 84	Date of appointment as Chief Draftsman.
			A. J. Wilson .	S.	1st	Mar. 26, 88	
			S. M. Smylie .	S.	1st	Nov 24, 88	
			E. S. P. Atkinson .	S.	2nd	June 14, 88	
			F. Adams . .	S.	2nd	June 1, 77	
			W. C. Price . .	S.	3rd	Mar 1, 89	
			W. Stotesbury .	S.	3rd	June 24, 84	
						Sep. 1, 84	Date of appointment as Draftsman.
			A. J. James . .	S.	3rd	Nov 11, 88	
			P. J. W. Doran .	S.	4th	Oct. 25, 83	
						Jan. 1, 85	Date of appointment as Draftsman.
			H. T. Kitchen .	A. S.	1st	Nov. 26, 88	Offg. Surveyor, 4th Grade.
			S. O. Madras .	A. S.	1st	May 7, 84	
Office, Calcutta.			E. J. Martin .	A. S.	1st	Dec. 1, 82	
			C. G. S. Wood .	A. S.	3rd	Feb. 1, 89	

Disposition List of Officers of the Survey of India Department, attached to the Head Quarters Offices at Calcutta and the Trigonometrical Branch Office at Dehra, 1st July 1889—concluded.

Name of Office.	Administrative Officers.	Officers of the Senior Division.	Officers of the Junior Division.	Class.	Grade.	Date of appointment.	Details of superintendence and remarks.
Assistant Surveyor-General, Surveyor-General's Office, and Mathematical Instrument Office.	Lt.-Col. M. W. Rogers, R.E.	. . .	. . . .	D. Sup.	2nd	May. 7, '89	
Offices, Calcutta.							
Assistant Surveyor-General, Lithographic and Photographic Offices.	Col. J. Waterhouse, R.C.	. . .	. . . .	D. Sup.	2nd	Dec. 1, '66 Dec. 17, 86	
		T. Archdale Pope.		A. Sup.	1st.	Oct. 14, 86	Offg. Deputy Superintendent, 4th Grade.
Office, Calcutta.							
Assistant Surveyor-General.							
Map Record and Issue Office.	Lt.-Col. C. Strahan, R.E.	. . .	. . . .	D. Sup.	1st	Nov. 4 '87	Offg. Deputy Surveyor-General in charge, Revenue Branch.
		T. Archdale Pope.	. . . .	A. Sup.	1st.	. .	Offg. Deputy Superintendent, 4th Grade, in temporary charge.
Office, Calcutta.			B. M. Wilson .	A. S.	2nd	Nov. 1, 82	

Disposition List of Officers of the Survey of India

No. of Party.	Locale and nature of operations.	Administrative Superintendent D S. G	Officers of the Senior and Junior Divisions.	Class.	Grade	Date of appointment to Party.
1	Punjab (Traverse.	Rev.	Col. D. Macdonald, s c.	D. Sup.	1st	Jan 16, '89
			J S Pemberton	S.	1st	Oct. 21, 85
			G Campbell	A. S.	1st	Sep. 21, 82
			W. H. D Ewing	A. S.	1st	Dec. 1, 87
			F. S. Bell.	A. S.	2nd	Sep. 24, 86
			F. P. Walsh	A. S.	3rd	Mar. 4, 86
	Recess quarters, Simla					
2	Bilaspur (Cadastral.)	Rev.	Lt.-Col. E. H. Steel, s c.	D. Sup	3rd	Nov. 24, '87
			F. Grant	A. Sup.	1st	Nov. 1, 79
			J. McHatton	S.	4th	Jan. 1, 80
			P. C. H. Smart	A. S.	1st	Oct. 1, 85
			F. W. Moore	A. S.	2nd	Oct. 1, 85
	Recess quarters, Mussoorie.		Professional Establishment (Permanent)			
			Cadastral ditto (Temporary)			
3	Nagpur (Traverse.)	Rev.	Col. W. H. Wilkins, s c.	D. Sup.	2nd	Nov. 4, '85
			Lt. J. M Fleming, s.c.	A. Sup.	1st	Nov. 13, 88
			W. S. Buttress	S.	2nd	Oct. 1, 85
			G. Vander Beek	A. S.	1st	Nov. 1, 85
			O D. Smart	A S.	2nd	Feb. 20, 88
			W. J. Baker	A. S.	3rd	Jan. 25, 88
	Recess quarters, Mussoorie.					
4	Eastern Bengal (Cadastral.)	Rev.	H. T. Hanby	S.	3rd	May 1, '70
			L F. Berkeley	A. S	1st	Aug. 16, 75
			R. F. Warwick	A. S.	1st	Nov. 1, 85
			W E. Johnson	A S.	2nd	Aug. 18, 84
	Chittagong Detachment (Cadastral.)		W J. O'Sullivan	S	3rd	Nov. 1, 88
			C. G. Lee	A S.	2nd	Nov. 1, 88
	Recess quarters, Hazaribagh		Professional Establishment (Permanent)			
			Cadastral ditto (Temporary)			

Department, attached to Field Parties, 1st July 1889.

Subordinate Establishment.					Annual Cost of Party.	Remarks.
Sub-Surveyors and Computers.	Writers.	Flagmen and Carriers.	Hospital Assistant.	Burkundazes and Peons.		
0	1	300	1	12	68,500	
15 96	1 . . .	175 464	1 . . .	20 . . .	1,47,800	
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. Depy. Supdt., 4th Grade.
32	2	250	1	8	76,900	
. . .	. . .	. . .	. . .	. . .	. . . .	In temporary charge.
19 420	1 . . .	218 515	1 . . .	17 . . .	1,24,000	

Disposition List of Officers of the Survey of India Department,

No. of Party.	Locale and nature of operations.	Administrative Superintendent. D. S. G.	Officers of the Senior and Junior Divisions.	Class.	Grade.	Date of appointment to Party.
4A	Srinagar (Cadastral)	Rev.	G. B. Scott	A. Sup.	1st	Nov. 28, '87
			T. Shaw	A. S.	1st	Dec. 1, 88
			E. F Berkeley	A. S.	2nd	Oct 1, 87
			J. P Barker	A. S.	2nd	Nov. 1, 88
			F. B Powell	A. S.	3rd	Dec. 20, 87
	Recess quarters, Monghyr		Professional Establishment (Permanent)			
			Cadastral ditto (Temporary)			
5	Jhansi (Cadastral)	Rev.	Lt.-Col. J. E. Sandeman, s.c.	D. Sup.	2nd	Nov. 1, '83
			T. F Freeman	A. S.	1st	Oct. 1, 76
			J. Murphy	A. S.	1st	July 2, 83
			A. W. Smart	A S.	1st	Oct. 1, 85
			N. Bedford	A. S.	2nd	Jan. 10, 84
			W. V. Skilling	A. S.	2nd	Oct. 1, 85
			J. H. Murphy	A. S.	3rd	Nov. 1, 87
	Recess quarters, Naini Tal.		Professional Establishment (Permanent)			
			Cadastral ditto (Temporary)			
6	Assam (Cadastral.)	Rev.	E. C. Barrett	D. Sup.	3rd	July 25, '83
			J. H. O'Donel	S.	3rd	Oct. 29, 83
			J. Connor	S.	4th	Oct. 29, 83
			M. Gastaud	A S.	2nd	Oct. 1, 86
			J. Smith	A S.	2nd	Nov. 1, 84
	Recess quarters, Shillong		Professional Establishment (Permanent)			
			Cadastral ditto (Temporary)			

attached to Field Parties, 1st July 1889—continued.

Subordinate Establishment.					Annual Cost of Party.	Remarks.
Sub-Surveyor. and Computers.	Writers.	Flagmen and Carriers.	Hospital Assistant.	Burkundazes and Peons.		
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. Depy. Supdt., 4th Grade.
5	1	80	1	5	47,300	
30	1	147	. . .	. . .		
19	2	140	1	19	97,300	
260	. . .	650	. . .	. . .		
22	. . .	137	1	8	1,11,200	
160	. . .	225	. . .	. . .		

Disposition List of Officers of the Survey of India Department

No. of Party.	Locale and nature of operations.	Administrative Superintendent D. S. G.	Officers of the Senior and Junior Divisions.	Class.	Grade.	Date of appointment to Party.
7	Thongwa . . . . (Cadastral.)	Rev.	F. W. Kelly	D. Sup.	4th	Sep. 6, '87
			H R. Littlewood	S.	1st	Oct. 21, 85
			G. W. Jarbo	S.	4th	Nov. 1, 80
			J. S. Swiney	A. S.	1st	Apl. 14, 82
			P. Beechey	A. S.	2nd	Nov. 1, 86
			J A. T. Haddock	A. S.	3rd	Nov. 26, 87
	Recess quarters, Rangoon.		Professional Establishment (Permanent) . .			
			Cadastral ditto (Temporary) . .			
8	Bengal and Orissa . . (Cadastral)	Rev.	Lt.-Col. S H. Cowan, s.c. . . .	D. Sup.	3rd	Feb. 20, '89
			D. Atkinson	S.	1st	Dec. 1, 86
			R. B. Smart	S.	4th	Nov. 1, 81
			R. C. D. Ewing	S.	4th	Sep. 12, 87
			C. S. Kraal	A. S.	1st	Nov. 15, 88
			J. A. Higgs	A. S.	2nd	Nov. 19, 88
			A. B. Smart	A S.	2nd	Oct. 1, 85
			C. S. Gasper	A. S	3rd	Mar. 2, 88
	Recess quarters, Calcutta.		Professional Establishment (Permanent) . .			
			Cadastral ditto (Temporary) . .			
9	Chanda . . . . (Traverse.)	Rev.	G H. Cooke	D. Sup.	4th	Oct. 26, '85
			H. E. T. Keelan	S.	1st	May 14, 89
			H. Dowman	S	3rd	Nov. 1, 85
			A. George	A. S.	1st	Nov. 1, 86
			A. Ewing	A. S.	2nd	Nov. 1, 85
	Recess quarters, Kampti .	. .	. . . . .	. . .	. .	. . . .
10	Bombay . . . . (Topo.)	Rev.	Lt.-Col. H. S. Hutchinson, s.c. . .	D. Sup.	3rd	Oct. 22, '87
			W. Todd	S.	2nd	Oct. 1, 88
			C. Tapsell	S.	4th	Mar. 1, 88
			G. D Cusson	A. S.	1st	Oct. 1, 88
			W. M. Kelly	A. S.	1st	Nov. 1, 79
			G. A. Knight	A. S.	1st	Oct. 1, 88
			R. R. Dickinson	A. S.	1st	May 1, 86
	Recess quarters, Poona .	. .	. . . . .	. . .	. .	. . . .

attached to Field Parties, 1st July 1889—continued.

Subordinate Establishment.					Annual Cost of Party.	Remarks.
Sub-Surveyors and Computers	Writers.	Flagmen and Carriers.	Hospital Assistant	Burkundazes and Peons		
25	1	149	1	18	1,70,400	
158	1	280	. . .	. . .		
20	1	200	1	16	1,53,800	
170	. . .	450	. . .	. . .		
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. 3rd Grade
35	1	330	1	14	68,100	
19	1	190	1	12	75,600	

Disposition List of Officers of the Survey of India Department

No. of Party.	Locale and nature of operations.	Administrative Superintendent D S G	Officers of the Senior and Junior Divisions.	Class.	Grade	Date of appointment to Party.
11	Nimar (Traverse.)	Rev.	W H Patterson	D. Sup.	4th	Sep 1, '88
			J. Newland	S.	4th	Aug. 1, 88
			P. White	A S.	1st	Oct. 1, 83
			C George	A S.	2nd	Oct. 1, 85
			H A Charrier	A S.	3rd	Feb. 14, 89
	Recess quarters, Poona	. .	. . . . .	. . .	. .	. . . .
12	Saugor (Traverse)	Rev.	E J, Jackson	D. Sup	4th	Oct. 29, '86
			P J Serrao	A S..	2nd	Mar 1, 89
	Balaghat Detachment (Traverse).	. .	E. G. Little	S.	3rd	Nov. 1, 88
			G. T Hall	A. S	1st	Nov. 1, 88
	Recess quarters, Naini Tal	. .	. . . . .	. . .	. .	. . . .
13	Betul (Traverse)	Rev.	A D'Souza	A Sup	1st	Apl. 11, '86
			A. J Gibson	S.	2nd	Nov. 1, 87
			C W Wilson	A S	1st	Dec 1, '87
			C. W F Seyers	A S.	1st	Nov. 1, 85
			C H G. Johnson	A S.	3rd	Nov. 12, 88
	Recess quarters, Poona	. .	. . . . .	. . .	. .	. . . .
14	Hoshangabad (Forest)	Trig	Col. J R Wilmer, s c.	D. Sup	3rd	Oct. 23, '88
			L J Pocock	S.	3rd	July 1, 85
			A. Christie	S	3rd	Oct. 1, 87
			D Campbell	A S.	1st	Apl 17, 88
			F. E. Warde	A. S.	3rd	May 1. 87
	Recess quarters, Mussoorie	. .	. . . . .	. . .	. .	. . . .

attached to Field Parties, 1st July 1889—continued.

Subordinate Establishment.					Annual Cost of Party.	Remarks.
Sub-Surveyors and Computers.	Writers.	Flagmen and Carriers.	Hospital Assistant.	Burkundazes and Peons.		
30	1	227	1	13	61,700	
. . .	. . .	. . .	. . .	. . .	. . . . .	Offg 3rd Grade.
30	1	324	1	11	59,300	
25	1	250	1	8	66,900	Offg. Depy Supdt., 4th Grade.
40	2	305	1	14	62,000	

Disposition List of Officers of the Survey of India Department,

No. of Party.	Locale and nature of operations.	Administrative Superintendent. D. S. G.	Officers of the Senior and Junior Divisions.	Class.	Grade.	Date of appointment to Party.
15	Baluchistan (Topo)	Topo.	Bt. Lt. Col T H. Holdich, R.E.	D. Sup	2nd	Nov. 3, '88
			Lt. R. J. H I. Mackenzie, R.E	A Sup	1st	Oct. 1, 88
			W. W. McNair	S	3rd	Oct. 1, 88
			T E M. Claudius	S.	3rd	Oct. 1, 83
			W. C G. Barckley	A. S.	1st	Oct. 1, 85
			E. Graham	A. S	1st	Oct. 1, 88
			G P. Tate	A. S	1st	Oct 1, 88
			Yusuf Sharif Khan Bahadur	A S	3rd	Apl 1, 89
			Rai Hira Sing Bahadur	A. S	3rd	Feb 15, 88
	Recess quarters, Mussoorie.	. .	. . . . .	. . .	. .	. . . .
17	Bombay Forests (Forests.)	Topo.	Col A. Pullan, s c.	D Sup.	2nd	Oct. 30, '86
			A. M Lawson	S	2nd	Oct 1, 88
			S. F. Norman	A. S.	1st	Sep. 1, 74
			C. Norman	A S.	1st	Oct 12, 74
	Recess quarters, Poona	. .	. . . . .	. . .	. .	. . . .
18	Himalaya (Topo)	Trig.	Col. H C B. Tanner, Bom s c.	D. Sup	2nd	Aug 19, '86
			Lt W. J. Bythell, R E.,	A Sup	2nd	July 1. 89
			C. D. Potter	S.	4th	Nov. 1, 87
			W. Robert	A. S	1st	Sep. 1, 78
			W A Fielding.	A S.	1st	Oct. 1, 87
			P. F. Prunty	A S.	1st	Sep. 1, 86
	Recess quarters, Simla	. .	. . . . .	. . .	. .	. . . .
19	Madras (Forests.)	Topo.	Major J. R. McCullagh, R E.	D Sup	3rd	June 21, '88
			C. F Hamer	S.	3rd	Nov. 1, 87
			Hugh Todd	S.	4th.	Oct. —1, 76
			R. Todd	A S.	1st	Oct. 1, 84
			T J. J Mills	A S.	2nd	Oct. 1, 84
	Recess quarters, Ootacamund	. . .	. . . . .	. . .	. .	. . . .

attached to Field Parties, 1st July 1889—continued.

Subordinate Establishment.					Annual Cost of Party.	Remarks.
Sub Surveyors and Computers.	Writers	Flagmen and Carriers.	Hospital Assistant	Burkundazes and Peons.		
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. Depy. Supdt., 4th Grade.
6	1	183	1	6	92,200	
26	2	137	1	12	76,400	
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. 1st Grade.
28	1	160	1	8	71,000	
. . .		. . .	. . .	. . .	. . . .	Offg. 2nd Grade
22	1	208	1	27	67,200	

Disposition List of Officers of the Survey of India Department,

No of Party	Locale and nature of operations	Administrative Superintendent D S G.	Officers of the Senior and Junior Divisions.	Class	Grade	Date of appointment to Party.
20	Burma (Topo)	Topo.	Lt-Col R. Beavan, s c.	D Sup	3rd	Dec 20, '88
			J A. Barker	S	4th	Dec. 1, 87
			J H Wilson	A S.	1st	Nov. 1, 77
			C. P Torrens	A. S.	1st	Nov. 1, 82
			W. H Penrose.	A S.	1st	Apl. 1, 87
	Recess quarters, Rangoon	. .	. . . . .	. . .	. .	. . . .
21	Upper Burma (Topo.)	Topo	Major J. R Hobday, s c	D Sup	4th	Mar. 20, '86
			Capt H. M Jackson, r e.	D Sup.	4th	Nov. 1, 88
			Lt. T F. B. Renny-Tailyour, r.e	A Sup	1st	Apl. 1, 88
			M. J .Ogle	S	2nd	Nov. 1, 88
			A G Wyatt	S	2nd	Jan. 1, 87
			F. Kitchen	S	4th	Oct. 1, 86
			J M Kennedy	A S	1st	June 14, 86
	Recess quarters, Rangoon	. .	. . . . .	. . .	. .	. . . .
22	Southern India (Astronomical I)	Trig.	Capt. S. G Burrard, r e	D Sup	4th	May 3, '89
			J. Eccles, m a.	A. Sup	1st	Nov. 1, 88
	Recess quarters, Mussoorie	. .	. . . . .	. . .	. .	. . . .
23	Southern India (Astronomical II)	Trig	Capt S G Burrard r.e	D Sup.	4th	May 3, '89
			J. Eccles, m a	A. Sup	1st	Nov. 1, 88
	Recess quarters, Mussoorie.	. .	. . . . .	. . .	. .	. . . .

attached to Field Parties, 1st July 1889—continued.

Subordinate Establishment.					Annual Cost of Party.	Remarks.
Sub-Surveyors and Computers.	Writers.	Flagmen and Carriers.	Hospital Assistant.	Burkundazes and Peons		
21	2	521	2	11	1,01,900	
...	...	...	...	...	....	Offg. 3rd Grade.
...	...	...	...	...	....	Offg. Depy. Supdt., 4th Grade
9	1	136	....	2	91,900	
		...	...	...	....	Offg Depy Supdt., 4th Grade.
1	1	20		...	20,000	
		...		...	....	Offg. Depy. Supdt , 4th Grade.
...	1	20	..		30,500	

Disposition List of Officers of the Survey of India Department,

No. of Party	Locale and nature of operations.	Administrative Superintendent D. S G	Officers of the Senior and Junior Divisions	Class	Grade	Date of appointment to Party.
24	Upper Burma (Triangulation)	Trig.	Captain S. G Burrard, R E	D. Sup	4th	June 11, '89
			E. C Ryall	A. Sup	1st	Oct. 6, 85
			J Hickie	A S	1st	Oct 1, 88
			J Keating	A S	1st	Oct 1, 88
			B R. Hughes	A S.	2nd	Oct 1, 88
	Recess quarters, Mussoorie.					
25	India, &c (Tidal and Levelling)	Trig	G Belcham	S.	2nd	Sep. 1, 79
			E J Connor	S.	4th	Dec 1, 77
			J Bond	S.	4th	June 1, 88
	Recess quarters, Poona					

attached to Field Parties, 1st July 1889—concluded.

Subordinate Establishment					Annual Cost of Party	Remarks
Sub-Surveyors and Computers	Writers	Flagmen and Carriers	Hospital Assistant	Burkundazes and Peons		
2	1	89	1	91	56,000	
						In temporary charge
18	1	35		10	52,100	

Disposition List of Officers of the Survey of India Department, temporarily transferred to other Departments, or on furlough, &c., 1st July 1889.

Officers of the Senior Division.	Officers of the Junior Division.	Class.	Grade	Province to which transferred.	Remarks.
		On Deputation			
Lt.-Col A W. Baird, R.E	. . . .	D. Sup	3rd	. . . .	Offg. Mint Master, Calcutta.
Captain R A. Wahab, R.E.	. . . .	D. Sup	4th	. . . .	Employed on Military duty in Europe.
	T. H Dunne	S.	4th	Central Provinces .	On deputation.
	J. R. Scott .	S	4th	Ditto . .	Ditto.
	G C Swiney .	A S	1st	Ditto . .	Ditto.
	G. E. Parker .	A. S.	1st	Ditto . .	Ditto.
	E P S. Hill .	A. S	1st	Ditto . .	Ditto.
	P. A. Peters .	A. S.	1st	Straits Settlements	Ditto.
		On Furlough, &c.			
Maj Genl C. T. Haig, R.E	. . . .	D S. G.	..	. . . .	For 1 year and 4 days, from 1st December 1888.
Colonel W. Barron, R.C	. . . .	D. Sup.	2nd	. . . .	For 1 year and 275 days, from 20th February 1889.
Major J. Hill, R.E . .	. . . .	D. Sup.	3rd	. . . .	For 1 year and 5 months, from 18th May 1888.
Capt. F B. Longe, R.E .	. . . .	D. Sup.	4th	. . . .	For 18 months, from 16th November 1888.
Capt G B Hodgson, R.C .	. . . .	D. Sup	4th	. . . .	For 2 years, from 4th March 1889.
	W. A. Wilson .	S.	2nd	. . . .	For 1 year, from 24th March 1889.
	D. A. King .	S.	4th	. . . .	For 1 year, from 20th December 1887. Extension for 9 months and 23 days.
	R. W Senior .	A S	2nd	. . . .	On medical leave for 4 months, from 8th May 1889.
	T W. Babonau Jr.	A. S	2nd	. . . .	Extraordinary leave for 6 months, from 9th April 1889.

GEOLOGICAL SURVEY OF INDIA.

Classified List of Officers of the Geological

Number sanctioned	Number existing in each grade.	Names of Officers, and name of substantive appointment.	Passed in Vernacular.	Age. Y M D.	Date of first joining the Department.	Date of promotion to the present grade.
1	1	William King, B A., D.SC., F.G.S., Director, Geological Survey.	. . . . .	55 11 16	Mar. 4, 1857 .	Apl. 27, 1887 .
		1st Grade—R800—50—1,100				
	1	R. Bruce Foote, F.G S, Superintendent, Geological Survey.	. . . . .	54 9 9	Sept 28, 1858 .	June 14, 1881 .
	2	Theo. W. H Hughes, C E, A.R S M, F G.S, Superintendent, Geological Survey.	Aug 3, 1868 .	45 10 30	Nov 11, 1862 .	Apl. 27, 1887 .
	3	*Vacant*	. . . . .	. . .	. . . . .	. . . . .
		700—50—1,000.				
	4	C. L. Griesbach, C I E, F G S, Deputy Superintendent, Geological Survey	Sept. 15, 1880 .	41 6 21	Nov 11, 1878 .	July 13, 1888
		2nd Grade—R500—40—700				
	1	R. D. Oldham, A.R S M., F G S, Deputy Superintendent, Geological Survey.	Aug. 1, 1881	30 11 2	Dec. 17, 1879 .	Apl 11, 1883 .
	2	P. N. Bose, B.SC., F G S, Deputy Superintendent, Geological Survey.	Not required to pass.	34 1 20	July 30, 1880 .	Apl. 1, 1884 .
5	3	Tom D. LaTouche, B A, Deputy Superintendent, Geological Survey	June 5, 1882	33 8 2	Nov 29, 1881 .	Apl 27, 1887 .
	4	E. J. Jones, A.R S M., Deputy Superintendent, Geological Survey.	June 2, 1884 .	29 9 26	Dec. 29, 1883 .	July 13, 1888 .
	5	C. S Middlemiss, B A., Assistant Superintendent, Geological Survey	Oct 6, 1884 .	29 7 9	Dec. 29, 1883 .	Apl. 1, 1889 .
		3rd Grade—R350—30—500				
	1	P. Lake, B.A, Assistant Superintendent, Geological Survey.	July 2, 1888 .	24 2 22	Sept 27, 1887 .	Sept 27, 1887 .
	2	P N Datta, B SC, F G S, Assistant Superintendent, Geological Survey	July 1, 1889 .	31 4 17	June 25, 1888 .	June 25, 1888 .
6	...	*Vacant*, ditto.	. . . . .	. . . . .	. . . . .	. . . . .
	...	Ditto ditto.	. . . . .	. . . . .	. . . . .	. . . . .
	...	Ditto ditto.	. . . . .	. . . . .	. . . . .	. . . . .
		Ditto ditto	. . . . .	. . . . .	. . . . .	. . . . .
		Separately graded.				
		R500 rising to R1,000.				
	1	Fritz Noetling, Ph. D., Palæontologist, Geological Survey.	Oct. 1, 1888 .	31 11 15	Feb. 17, 1887 .	Feb. 17, 1887 .
		Non-graded Officers.				
	1	W R. Dhon, Registrar, Geological Survey	Not required to pass	37 0 15	Dec 12, 1870 .	Dec. 31, 1878 .
	2	*Vacant*, Artist, Geological Survey .	Ditto . . .	. . . .	. . . . .	. . . . .
5	3	Kishen Singh, Sub-Assistant, Geological Survey.	Ditto . . .	39 4 6	Jan. 7, 1874 .	Apl. 1, 1879 .
	4	Hira Lal, Sub-Asst, Geological Survey .	Ditto . . .	37 11 2	Jan. 7, 1874 .	Apl. 1, 1879 .
	5	T. R. Blyth, Museum Assistant, Geological Survey.	Ditto . . .	30 2 7	Mar 1, 1884 .	Mar. 1, 1884 .

Survey of India on the 1st July 1889.

Period of service counting for pension.	Pay of substantive appointment.	Acting allowances.	Conveyance and house allowances.	Total pay and allowances.	Where employed at present	Remarks.
Y. M. D	₹ a. p.	₹ a p.	₹ a. p.	₹ a. p		
32 3 28	1,500 0 0	. . . .	. . . . .	1,500 0 0	Head Quarters	
30 9 3	1,100 0 0	. . . .	60 0 0	1,160 0 0	Bellary	
25 1 7	1,100 0 0	. . . .	60 0 0	1,160 0 0	Mergui.	
. . . .	. . . .	. . . .	. . . . .	. . . .	. . . . .	
10 7 20	700 0 0	. . . .	30 0 0	730 0 0	On deputation . .	Deputed to Afghanistan.
9 6 15	700 0 0	50 0 0	30 0 0	730 0 0	Himalayas . . .	Offg. as 1st grade Deputy Superintendent, *vice* Mr. Griesbach.
8 11 2	660 0 0	. . . .	30 0 0	690 0 0	Balaghat.	
7 7 2	540 0 0	. . . .	30 0 0	570 0 0	Assam	
5 6 3	500 0 0	. . . .	30+150 0 0	680 0 0	Head Quarters	Acting Curator
5 6 3	500 0 0	. . . .	30 0 0	530 0 0	Kumaun.	
1 9 3	380 0 0	. . . .	None . . .	380 0 0	Malabar.	
1 0 6	300 0 0	. . . .	None . . .	300 0 0	Himalayas . . .	Includes a personal allowance of Rs 66. 10, 8
. . . .	. . . .	. . . .	. . . . .	. . .	. . . . .	
. . . .	. . . .	. . . .	. . . . .	. . . .	. . . . .	
. . . .	. . . .	. . . .	. . . . .	. . . .	. . . . .	
. . . .	. . . .	. . . .	. . . . .	. . . .	. . . . .	
2 4 12	540 0 0	. . . .	30 0 0	570 0 0	Burma	
14 7 4	400 0 0	. . . .	. . . . .	400 0 0	Office.	
. . . .	. . . .	. . . .	. . . . .	. . . .	. . . . .	
14 5 25	200 0 0	. . . .	. . . . .	200 0 0	Balaghat.	
15 5 25	200 0 0	. . . .	. . . . .	200 0 0	Sirguja.	
5 4 0	150 0 0	. . . .	. . . . .	150 0 0	Museum.	

Disposition List of Officers of the Geological

Names of Officers.	Where employed	Rank and Grade	Date of first joining the Department.	Strength of Establishment of all Grades						
				Separately graded.	1st Grade.	2nd Grade.	3rd Grade	Non-graded Officers	Office Establishment. Clerks and Draftsmen.	Office Establishment. Peonsmen and Servants
William King, B.A., D.Sc., F.G.S.	Hd. Quarters	Director, Geol Survey	Mar. 4, 1857	2.	4	5	6	5	12	24
1st Grade.										
R Bruce Foote, F.G.S.	Bellary	Supdt., Geol. Survey	Sept. 28, 1858	4 first grade Officers	...	...	...	...	...	...
Theo W H. Hughes, C.E., A.R.S.M., F.G.S.	Mergui	Ditto	Nov. 11, 1862		...	...	...	...	...	...
Vacant	.....	.....	.....		..	...	...	...	...	...
C. L Griesbach, C.I.E., F.G.S.	On deputation.	Depy Supdt., Geol Survey, 1st grade.	Nov. 11, 1878		...	...	...	...	...	...
2nd Grade.										
R D. Oldham, A.R.S.M., F.G.S.	Himalayas	Ditto, 2nd grade.	Dec 17, 1879	5 second grade Officers.	...	...	...	...	...	...
P N. Bose, B.Sc., F.G.S.	Balaghat	Ditto	July 30, 1880		...	...	...	...	...	...
Tom D. LaTouche, B.A.	Assam	Ditto	Nov. 29, 1881		.	..	..	...	...	..
E. J. Jones, A.R.S.M.	Hd Quarters	Ditto	Dec 29, 1883		...	..	...	...	...	...
C. S. Middlemiss, B.A.	Kumaon	Ditto	Ditto		...	...	...	...	...	...

Survey of India on the 1st July 1889:

Where employed during last three years.	Annual cost (salary and travelling allowance of Officers and their Subordinates, if any) from April 1888 to March 1889.						Remarks.
		R	a.	p.	R	a.	p.	
1886-87. Chhattisgarh and Office	Salary	18,000	0	0				
1887-88. Office and on tour	Travelling allowance	2,521	0	0				
1888-89. Ditto					20,521	0	0	
1886-87. Bellary, Mysore and Office	Salary and fixed allowance.	14,220	0	0				
1887-88. Bellary	Travelling allowance	1,953	5	4				
1888-89. Ditto	Hospital Assistant's pay, &c.	631	15	0				
					16,805	4	4	
1886-87. Hyderabad	Salary and fixed allowance	5,925	0	0				
1887-88. Ditto and Perak	Travelling allowance	1,685	12	8				
1888-89. Perak and Mergui	Hospital Assistant's pay, &c.	106	1	0				
					7,716	13	8	
.....	.....							
1886-87. Office.								
1887-88. Afghanistan	.....							Deputed to Afghanistan.
1888-89. Ditto.								
1886-87. Rajputana, Himalayas and Alwar.	Salary and fixed allowance	9,550	5	1				Offg. as 1st grade Deputy Superintendent, *vice* Mr. Griesbach.
1887-88. Himalayas and Rajputana.	Travelling allowance	1,791	3	3				
1888-89. Ditto.					11,341	8	4	
1886-87. Chhattisgarh and Jabalpur	Salary and fixed allowance	8,831	12	7				
1887-88. Jabalpur	Travelling allowance	2,287	10	0				
1888-89. Balaghat	Hospital Assistant's pay, &c.	46	10	0				
					11,166	0	7	
1886-87. Assam and Kashmir	Salary and fixed allowance	2,245	0	0				
1887-88. Kashmir.	Travelling allowance	971	15	0				
1888-89. Ditto and Assam					3,216	15	0	
1886-87. Burma and Head Quarters	Salary and fixed allowance	7,635	10	6				Acting Curator.
1887-88. Ditto Ditto	Travelling allowance	1,101	2	4				
1888-89. Head Quarters and Baluchistan					8,736	12	10	
1886 87. Kumaon and Head Quarters	Salary and fixed allowance	6,599	0	6				
1887-88. Kumaon	Travelling allowance	2,210	0	0				
1888 89. Ditto.					8,809	0	0	

Disposition List of Officers of the Geological

Names of Officers.	Where employed.	Rank and Grade.	Date of first joining the Department.	Strength of Establishment of all Grades.						
				Separately graded.	1st Grade.	2nd Grade.	3rd Grade.	Non-graded Officers.	Office Establishment: Clerks and Draftsmen.	Office Establishment: Peons and Servants.
3rd Grade.										
P. Lake, B.A.	Malabar	Asst. Supdt., Geol. Survey	Sept 27, 1887	6 third grade Officers	...	...	...	...	...	
P. N. Datta, B Sc., F G S.	Himalayas	Ditto	June 25, 1888		..	...	..	...	...	
Vacant	...	Ditto			.			...	...	...
Vacant	...	Ditto			..	...	...	...	...	...
Vacant	...	Ditto	...			...	...	..	...	
Vacant	...	Ditto			..	...	...		...	
Separately graded.										
F. Noetling, Ph. D.	Burma	Palæontologist, Geol Survey.	Feb 17, 1887	...		...	..	...	...	
Non-graded Officers.										
W. R. Dion	Office	Registrar, Geol. Survey	Dec 12, 1870	5 non-graded Officers.			...	...		
Vacant	...	Artist, Geol Survey.	...		...	...	...	...	...	
Kishen Singh	Balaghat	Sub Asst, Geol. Survey	Jan 7, 1874		...	...	...	...	...	
Hira Lal	Sirguja	Ditto	Jan 7, 1874		...	..	..	...		
J. E. Blyth	Museum	Museum Asst., Geol. Survey	Mar. 1, 1884		...	...	...	...	...	

Survey of India on the 1st July 1889—continued.

Where employed during last three years.	Annual cost (salary and travelling allowance of Officers and their Subordinates, if any) from April 1888 to March 1889.				Remarks.
		R a. p.		R. a. p.	
1887-88. Bellary 1888-89 Ditto and Malabar	Salary and fixed allowance Travelling allowance	4,843 0 6 2,119 13 4		6,962 13 10	
1888 89. Head-Quarters and Himalayas	Salary and fixed allowance Travelling allowance	3,174 7 9 1,201 8 0		4,375 15 9	
. . . . .	. . . . .				
. . . . .	. . . . .				
. . . . .	. . . . .				
. . . . .	. . . . .				
1887-88. Head Quarters and U. Burma. 1888-89. Upper Burma	Salary and fixed allowance Travelling allowance Interpreter's pay, &c.	1,690 0 0 2414 11 11 684 11 5		4,789 7 4	
1886-87. Office 1887-88. Do. 1888-89. Do.	Salary			4,800 0 0	
. . . . .	. . . . .				
1886-87. Mandla and Seoni 1887-88. Chhindwara and Balaghat 1888 89. Balaghat	Salary Travelling allowance Chaprassi allowance	2,400 0 0 554 0 6 147 0 0		3,101 0 6	
1886-87. Chhattisgarh. 1887-88. Ditto and Sirguja 1888-89. Sirguja	Salary Travelling allowance Chaprassi allowance	2,400 0 0 623 6 9 142 3 9		3,165 10 6	
1886-87 Museum 1887-88. Ditto 1888-89 Ditto	Salary			1,690 0 0	

MYSORE REVENUE SURVEY DEPARTMENT.

General List of Officers of the Mysore Revenue

1	2	3	4	5	6	7
Number sanctioned.	Number existing in each grade	Names of officers and names of substantive appointments	Passed in the vernacular	Age.	Date of first appointment to the Department.	Date of appointment to the present grade
				Y M D		
1	1	Colonel J P. Grant, Superintendent . . .	All have passed in the vernacular	51 3 0	Nov 1, 1863	Jan 15, 1868
1	1	Lieut Col J. Rutherfurd, Depy Superintendent .		47 5 22	Jan 25, 1865	April 8, 1881
2	1	Mr. E. H Butcher, Assistant Settlement Officer .		53 0 2	Oct. 2, 1865	April 1, 1881
...	2	Mr J P Barker, Assistant ditto ditto .		41 9 2	Dec 22, 1866	Nov. 1, 1886

Disposition List of Officers of the Mysore Revenue

1	2	3	4	5	6	7	8	9
			Strength of subordinate establishment in all grades					
Number.	Establishment.	Where employed	Sub-Surveyors	English Clerks	Karkuns	Learners	Mappers	Peons
1	Supdt	Mysore Province	12	2	58	8	27	10
2	Depy. Supdt.	Ditto		2	8			5
3	A	Mysore and Bangalore Districts . .	32		3		..	2
4	D	Mysore District	37		3		...	2
5	F	Ditto	37		3		...	2
6	H	Bangalore and Mysore Districts . .	36		3		...	2
7	E	Kolar and Bangalore Districts . . .	21		1	..	...	2
8	M	Ditto	18		1	..	...	2
		Total .	193	4	80	8	27	27

Survey Department on the 1st July 1889.

8	9	10	11	12	13	14
Period of service counting for pension	Military pay and allowances.	Staff pay	Aggregate pay and allowances.	Civil consolidated salary.	Where employed at present.	Remarks.
Y. M. D.			R a. p.	R a. p.		
	...		1,752 14 0	...	Bangalore.	
...	...		1,145 0 0		Ditto.	
23 8 29	...	..	...	895 0 0	Ditto	Returned from furlough on the 8th June 1889.
19 9 2		...		895 0 0	Ditto	

Survey Department on the 1st July 1889.

10	11	12	13	14	15
Actual cost of Party from 1st July 1888 to 30th June 1889.	Officer in charge	No. in General List.	Rank and Grade.	Date of assuming charge.	Remarks.
R a. p.					
58,264 13 6	Col. J. P. Grant . .	1	Superintendent . .	Nov. 1, 1863	
23,673 12 3	Lt.-Col. J. Rutherfurd	2	Dy. Superintendent .	July 1, 1865	
15,235 7 5	Mr. K. Ramaswamy Iyungar . . .	..	Asst. Superintendent, 3rd grade	Nov. 1, 1887	
15,001 4 4	,, D Sham Rao . .	...	Ditto 2nd grade	Nov. 3, 1885	
14,877 3 0	,, M. S. Narain Rao .	...	Ditto ditto .	Nov. 1, 1883	
15,115 2 11	,, T. Abdulkarim .	...	Asst. Conservator .	Nov. 1, 1884	
18,852 2 3	,, J. P. Barker . .	4	Asst Settlement Officer	Dec. 1, 1867	
12,434 1 1	,, D. Appu Rao .	...	Asst. Conservator . .	Aug. 1, 1882	
1,73,455 14 9					

Gradation List of the Covenanted Civilians of the Presidencies of Bengal, Madras, and Bombay, holding Appointments under the Government of India, as it stood on the 1st July 1889.

Presidency attached.	No.	Name.	Date of arrival in India	Appointment	Salary per mensem.	Remarks.
		Class I.	1854-55.		R a p.	R
B.	1	The Hon'ble H. T. Prinsep	7th Dec. '55	Judge of the High Court of Judicature at Fort William	4,166 10 8	
B.	2	The Hon'ble Sir Steuart Colvin Bayley, K.C.S.I., C.I.E.	4th Mar. '56	Lieutenant-Governor of Bengal	8,333 5 4	
B.	3	The Hon'ble L. R. Tottenham	11th July '56	Judge of the High Court of Judicature at Fort William	4,166 10 8	
			1855-56.			
B.	4	The Hon'ble W. Macpherson	30th Nov. '56	Judge of the High Court of Judicature at Fort William. (*Furlough for 4 months and 10 days, from 29th April 1889.*)		
N.	5	The Hon'ble Sir Charles Alfred Elliott, LL.B., K.C.S.I.	30th Nov. '56	Ordinary Member of the Governor General's Council	6,400 0 0	
N.	6	The Hon'ble Sir Auckland Colvin, K.C.M.G., C.I.E	27th Jan. '58	Lieutenant-Governor of the North-Western Provinces and Chief Commissioner of Oudh	8,333 0 0	
		Class II.	1857-58.			
N.	7	The Hon'ble Sir J. B Lyall, K.C.S.I.	8th April '58	Lieutenant-Governor of the Punjab and its Dependencies	8,333 0 0	+250+500
P.	8	R. T. Burney (*Barrister-at-Law*)	12th Feb. '58	Judge, Chief Court, Punjab. (*Furlough for 1 year, from 3rd April 1889*)		
C. P.	9	A. P. Howell, M.A.	27th Jan. '58	Commissioner, Central Provinces, Nerbudda Division. (Officiating Resident, 1st class, and Resident at Hyderabad)	4,000 0 0	+1,000+1,000
B.	10	Sir C. H. T. Crosthwaite, K.C.S.I.	29th Dec. '57	Chief Commissioner, Burma	6,666 10 8	+500
			1858-59.			
A.	11	D. Fitzpatrick, C.S.I.	29th Jan. '59	Chief Commissioner of Assam	4,166 0 0	
			1861.			
N.	12	F. Henvey	31st Oct. '61	Resident, 1st class, and Agent, Governor General, Central India, Indore. (*Privilege leave, from 15th May 1889*)	4,000 0 0	+250.

GRADATION LIST OF COVENANTED CIVILIANS HOLDING APPOINTMENTS, &c.—*continued.*

Presidency attached.	No.	Name.	Date of arrival in India.	Appointment.	Salary per mensem.	Remarks.
		Class II—*contd.*	1861.		₹ a. p.	₹
B.	13	W. E. Ward, M.A., C.S.I.	29th Nov. '61	Judl. Commissioner, Burma	2,500 0 0	+380
B.	14	The Hon'ble H. Beverley, M.A.	31st Oct. '61	Judge of the High Court of Judicature at Fort William	3,750 0 0	
P.	15	B. H. B. Powell	31st Augt. '61	Judge, Chief Court, Punjab	3,500 0 0	
P.	16	T. W. Smyth, M.A. (*Barrister-at-Law*).	2nd Feb. '62	Judge, Chief Court, Punjab. (*Furlough for 1 year, from 29th April 1887. In extension 6 months. Further extension of 6 months*)		
N.	17	Sir E. C. Buck, Kt.	2nd Feb. '62	Secretary to Government of India, Revenue and Agricultural Department	4,166 0 0	
B.	18	The Hon'ble J. O'Kinealy	2nd Feb. '62	Judge of the High Court of Judicature at Fort William. (President, Board of Examiners, 10th April 1885). (*Furlough from 28th February to 8th September 1889*)		
			1862.			
B.	19	James Westland, C.S.I.	10th Oct. '62	Secretary, Government of India, Department of Finance and Commerce. (*Furlough for 1 year, from 1st January 1889.*)		
B.	20	A. Mackenzie, B.A., C.S.I.	11th Dec. '62	Chief Commissioner, Central Provinces	4,166 0 0	+500
N.	21	E. F. T. Atkinson, B.A., C.I.E.	21st Jan. '63	Accountant General, 1st class, Bengal	2,750 0 0	+250
C. P.	22	C. W. McMinn, B.A.	21st Jan. '63	Deputy Commissioner, 1st class, Central Provinces. (*Furlough for 9 months, from 6th August 1888*)		
N.	23	C. E. R. Girdlestone	29th Jan. '63	Resident, 2nd class, in Nepal. (*Furlough for 9 months, from 10th February 1888*).		
P.	24	T. W. Rawlins	11th Jan. '63	Accountant General, 2nd grade, Madras, and Deputy Commissioner of Paper Currency. (Officiating 1st class)	2,500 0 0	+250
N.	25	A. C. Tupp, B.A.	29th Nov. '62	Accountant General, 1st class, North-Western Provinces, and Deputy Commissioner of Department of Issue of State Paper Currency.. (*Furlough for 8 months.*)		
			1863.			
B.	26	The Hon'ble Sir David Miller Barbour, K.C.S.I.	20th Dec. '63	Ordinary Member, Governor General's Council	6,400 0 0	
P.	27	A. C. Roe, B.A.	22nd Nov. '63	Judge, Chief Court, Punjab	3,500 0 0	
C. P.	28	R. J. Crosthwaite, B.A. (*Barrister-at-Law*).	30th Oct. '63	Judicial Commissioner, Central Provinces. (On deputation)	3,166 0 0	
			1864.			
C. P.	29	J. W. Neil	24th Nov. '64	Commissioner, Central Provinces, Jubbulpore Division. (*On furlough.*)		

B. B.	30	F. W. R. Fryer (*Barrister-at-Law*)	28th Nov. '64	Financial Commissioner, Burma	3,000 0 0		
C. P.	31	F. Venning	24th Nov. '64	Commissioner, Central Provinces, Nagpur. (Offg. Judl. Commr.)	2,500 0 0		+633-5-4
C. P.	32	T. E. Ellison	17th Oct. '64	Deputy Commissioner, 4th class, Central Provinces, Chhindwara.			
B. B.	33	G. J. S. Hodgkinson, C.S.I.	25th Nov. '64	Commissioner, Pegu Division, Burma	2,500 0 0		+250
			1865.				
B. B.	34	H. St. G. Tucker	3rd Dec. '65	Commissioner, Eastern Division, Upper Burma, Pyinmana. (*Furlough for 2 years, and 6 months from 5th April 1889.*)			
B.	35	A. P. MacDonnell, M.A., C S I.	1st Nov '65	Secretary to the Government of India, Home Department	4,000 0 0		
		CLASS III.	1867.				
B. B.	36	J. J. D. LaTouche, B A.	4th Dec. '67	Commissioner, Southern Division, Upper Burma, Minbu. (*Privilege leave for 3 months, from 9th April 1889.*)	2,500 0 0		+250
A.	37	C. J. Lyall, M.A., LL D, C I.E.	4th Dec. '67	Secretary to the Chief Commissioner of Assam. (Officiating Judge, and Commissioner, Assam Valley Districts)	2,000 0 0		+500 + 250
B.	38	D. M. Smeaton, M A.	22nd Nov. 67	Commissioner, Upper Burma, Central Division	2,500 0 0		+250
C. P.	39	L. Neill	30th Oct. '67	Secretary to the Chief Commissioner, Central Provinces. (Officiating Commissioner, Jubblepur Division)	2,000 0 0		+500 + 250
A.	40	H. Luttman-Johnson	4th Dec. '67	Judge and Commissioner, Assam Valley Districts, Gauhati. (*Furlough for 1 year and 6 months, from 31st July 1888.*)			
			1868.				
B.	41	T. J. Chichele Plowden	31st Oct. '68	Commissioner, Hyderabad Assigned District	2,750 0 0		+250 T. A.
			1869.				
N.	42	E. J. Sinkinson, B.A., LL.D.	13th Nov. '69	Accountant General (class III) (Officiating Secretary, Government of India, Department of Finance and Commerce)	2,250 0 0		+1,166
A.	43	F. C. Daukes	8th Dec. '69	Deputy Commissioner, 1st grade, Assam (Officiating Secretary to Chief Commissioner).	1,833 5 4 166 10 8		
					2,000 0 0		
N.	44	R. Logan	23rd Oct. '69	Enrolled Officer, Class II. Officiating Accountant General (Class II), Punjab, and Deputy Commissioner, Paper Currency	1,400 0 0		+733-5-4
C. P.	45	J. P. Goodridge	25th Oct. '69	Assistant Commissioner, 1st class. (Officiating Commissioner of Settlement and Agriculture, Central Provinces, Nagpore	800 0 0		+266 + 200
B. B.	46	C. E. Gladstone	13th Nov. '69	Deputy Commissioner, 1st grade, Burma. (Officiating Commissioner, Southern Division	1,833 0 0		500 + 250

GRADATION LIST OF COVENANTED CIVILIANS HOLDING APPOINTMENTS, &c.—*continued*.

Presidency attached.	No.	Name	Date of arrival in India.	Appointment.	Salary per mensem.			Remarks
					R	a.	p	
		Class III—*contd.*	1870.					
A	47	H. R. Greaves	19th Jan. '70	District and Sessions Judge, Sylhet, and Sessions Judge, Cachar	2,000	0	0	
N.	48	S. H. James	31st Oct. '70	Secretary to the Government of India, Legislative Department	3,500	0	0	
B. B.	49	G. D. Burgess	9th Nov. '70	Commissioner (Mandalay), Northern Division, Upper Burma (*Furlough for 2 years, from 23rd February 1888*)				
C. P.	50	D O. Meiklejohn	25th Nov. '70	Judge, Small Cause Court, Jubbulpore. (Officiating Deputy Commissioner, 4th class, Bilaspur)	800	0	0	+200+200*
B. B.	51	G. L. Weidemann	23rd Nov. '70	Deputy Commissioner, 2nd grade, Burma. (*Furlough for 8 months, from 15th March 1889.*)				
		Class IV.	1871.					
B.	52	S. Jacob	16th Nov. '71	Enrolled Officer, Financial Department (Class II), (Officiating Accountant General, Bombay.) (*Furlough for 10 months from 17th May 1889*)	1,450	0	0	+700+250
C. P.	53	F C. Anderson	31st Oct. '71	Commissioner of Excise, Inspector-General of Registration and Superintendent of Stamps, Central Provinces. (*Furlough for 1 year, 6 months and 14 days, from February 1889*)				
C. P.	54	A. H. L Fraser, M.A. (*Barrister-at-Law*).	23rd Oct. '71	Junior Secretary to the Chief Commissioner, Central Provinces, and Director of Land Records and Agriculture. (Officiating Commissioner, Chhattisgarh Division)	1,500	0	0	+916
N.	55	A U. Fanshawe	28th Oct. '71	Director General of the Post Office of India	3,000	0	0	
C. P.	56	S. Ismay (*Barrister-at-Law*)	14th Nov. '71	Assistant Commissioner, 2nd class, Central Provinces. (Officiating Deputy Commissioner, 4th class, Jubbulpore)	700	0	0	+200+300*
A.	57	H. C. Williams	25th Oct. '71	Deputy Commissioner, 1st grade, Inspector-General of Jails, Superintendent, Stamps and Registration, and Commissioner of Excise, Assam	1,833	0	0	
			1872.					
B.	58	Sir H. M. Durand, K.C.I.E., C.S.I. (*Barrister-at-Law*).	3rd March '73	Secretary to the Government of India, Foreign Department	4,000	0	0	
A.	59	J. K. Wight, B.A.	4th Dec. '72	Deputy Commissioner, 2nd grade, Sibsagar, Assam. (Officiating ditto, 1st grade). (Privilege leave for 3 months)	1,666	10	8	+166
			1873.					
B.	60	H. M. Kisch, M.A. (*Barrister-at-Law*).	24th Oct. '73	Postmaster-General, Bengal, 1st grade	1,800	0	0	+ 200 (H. R.)

B. B.	61	A. R. Birks, B.A. (*Barrister-at-Law*).	29th Oct. '73	Deputy Commissioner, 2nd grade, Burma, Bassein. (Offg., 1st grade).	1,666 0 0		+ 166
C. P.	62	L. K. Laurie (*Barrister-at-Law*)	27th Oct. '73	Assistant Commissioner, 2nd class, Nagpore. (Officiating Secretary to Chief Commissioner, Central Provinces	700 0 0		+ 533*
C. P.	63	F. C. Berry, B.A., C.I.E.	21st Oct. '73	Political Agent for the Chhattisgarh Feudatories, Raipur	1,320 0 0†		
A.	64	G. Godfrey	23rd Oct. '73	Deputy Commissioner, 2nd grade, Assam, Goalparah, Dhubri, (Officiating 1st grade)	1,666 0 0		+ 166
B. B.	65	F. S. Copleston	23rd Oct. '73	Deputy Commissioner, 3rd grade, Burma, Myingyan, (Offg. ditto, 2nd grade)	1,333 0 0		+ 333
H.	66	R. Obbard, B.A.	27th Dec. '73	Spetial Assistant Commissioner, Hyderabad Assigned Districts (Officiating Civil and Sessions Judge, Berar)	1,833 5 4		
			1874.				
N.	67	H. S. Barnes	30th Oct. '74	Political Agent, 3rd class, Quetta and Pishin. Sub. *pro tem.* ditto, 2nd class (Offg. Under-Secretary to Government of India, Foreign Department)	1,333 0 0		
C. I.	68	F. L. Petre	15th Nov. '74	Political Agent, 3rd class, sub. *pro tem.* (1st Asst. and Secretary for Berar to the Resident at Hyderabad	1,000 0 0		+ 250 + 200
B.	69	C. M. W. Brett (*Barrister-at-Law*)	30th Nov. '74	Registrar, High Court, Appellate Side	1,700 0 0		
P.	70	R. G. Thomson	13th Nov. '74	Postmaster General, Punjab, Sindh (2nd grade)	1,550 0 0		
A.	71	J. Kennedy	23rd Oct. '74	Deputy Commissioner, 3rd grade, Assam, Sylhet (Offg. 2nd grade)	1,333 0 0		+ 333
B.	72	D. Norton	24th Nov. '74	Deputy Commissioner, 3rd grade, Burma, Rangoon Town (Offg 2nd grade)	1,333 5 4		+ 333
C. P.	73	J. B. Fuller	13th Nov. '75	Commissioner of Settlements and Agriculture, Central Provinces, Nagpur. (*On furlough for 8 months, 5th April 1889.*)			
			1875.				
B.	74	H. Farrer	15th Nov. '75	Postmaster General, 2nd grade, Madras	1,650 0 0‡		+ 100
N.	75	J. F. Finlay, M.A.	17th Nov. '75	Deputy Secretary, Government of India, Department of Finance and Commerce	2,250 0 0		
B. B.	76	E. S. Symes, C.I.E.	23rd Oct. '75	Chief Secretary to the Chief Commissioner, Burma. Offg. Commissioner, Eastern Division, Pyinmana (Burma)	2,000 0 0		+ 500 + 250
B. B.	77	D. L. M Mackay	8th Nov. '75	Assistant Commissioner, 1st grade, Rangoon and Cantonment Magistrate	1,000 0 0		
B. B.	78	T. C. Mitchell, M.A.	13th Nov. '75	Asst Commissioner, 1st grade, Bassein, Burma	1,000 0 0		
A.	79	J. D. Anderson	15th Nov. '75	Deputy Commissioner, 4th grade, Cachar (Offg. 3rd grade)	1,000 0 0		+ 266
B. B.	80	J. E. Bridges	16th Nov. '76	Deputy Commissioner, 3rd grade, Burma. (*On furlough for 2 years, from 20th April 1888*)			

* Personal allowance.
† Includes Rs. 400, rising to Rs. 700 a month paid from the Revenues of the Feudatory States.
‡ Pay Rs. 1,500, rising to Rs. 1,750 by annual increments of Rs. 50.

GRADATION LIST OF COVENANTED CIVILIANS HOLDING APPOINTMENTS, &c.—*continued.*

Presidency Attached.	No	Name.	Date of arrival in India	Appointment	Salary per mensem			Remarks
					R	a	p	R
		Class IV—*contd.*	1876.					
A.	81	R B. McCabe	30th Nov. '76	Deputy Commissioner, 4th grade, Assam, Darrang Tezpore (Officiating ditto, 3rd grade)	1,000	0	0	+ 266
A.	82	F. St. C. Grimwood, M A	27th Nov. '76	Deputy Commissioner, 4th grade, Assam, Manipur. (Political Agent, Manipur)	1,000	0	0	+ 150 L. allowance.
B. B.	83	A. M. B. Irwin	24th Nov. '76	Deputy Commissioner, 3rd grade, Burma, Pegu (Officiating 2nd grade)	1,333	0	0	+ 333
		Class V.	1877.					
N.	84	J. P. Hewett	17th Dec. '77	Under-Secretary, Government of India, Home Department	1,300	0	0	
B. B.	85	H. Adamson, M A.	17th Dec. '77	Deputy Commissioner 3rd grade, Lower Chindwin, Burma (Officiating ditto, 2nd grade)	1,333	0	0	+ 333
B. B.	86	H. T. White	2nd Jan. '78	Secretary to Chief Commissioner, Burma (Officiating Chief Secretary)	1,500	0	0	+ 666 10 8
A.	87	H. Z. Darrah, B A, LL B.	24th Oct. '77	Director, Department of Land Records and Agriculture, Assam	1,000	0	0	+ 250 T allowance.
B.	88	O. T. Barrow	3rd Dec. '77	Enrolled Officer, Financial Department, Class III Officiating Accountant General, Class III, N.-W. P and Oudh	1,110	0	0	+ 760
B.-B.	89	D. J. A Campbell	24th Nov '77	Deputy Commissioner, 3rd grade, Burma, Kyaukse District. (*Furlough for 2 years, from 4th November 1888*)				
			1878.					
N.	90	W. L. King, B.A., LL.B.	27th Nov. '78	Political Agent, 3rd class, sub *pro tem* (First Assistant to the Governor General's Agent in Central India)	1,000	0	0	+ 250
N.	91	G. R. Irwin	16th Nov. '78	Junior Under Secretary, Government of India, Foreign Department (sub. *pro tem*)	1,033	0	0	
B. B.	92	W. T. Hall B A., LL D	5th Dec. '78	Director of Land Records and Agriculture, Burma	1,300	0	0	
			1879.					
A	93	A. Porteous	16th Jan. '79	Assistant Commissioner, 1st grade, Kohima, Naga Hills (Officiating Deputy Commissioner, 4th grade)	800	0	0	+ 200
A.	94	J. C. Arbuthnot	21st Dec. '79	Assistant Commissioner, 1st grade, Sibsagar. (Officiating Deputy Commissioner, 4th grade)	800	0	0	+ 200
A.	95	R. S. Greenshields	9th Dec. '79	Assistant Commissioner, 1st grade, Golaghat Sub-Division	800	0	0	
B.	96	Kavasjee Jamasjee Badshah	12th Nov. '79	Postmaster General, North-Western Provinces and Oudh (2nd grade).	1,300	0	0	

B. B.	97	G. W. Shaw	20th Dec. '79	Deputy Commissioner, 4th grade, Bhamo. (Offg. ditto, 2nd grade)	1,200 0 0	+ 333	
B. B.	98	H. L. Eales	30th Oct. '79	Deputy Commissioner, 4th grade, Burma. (*On furlough for 1 year and 6 months, from 17th February 1888.*)			
N.	99	W. R. Lawrence	5th Dec. '79	Under-Secretary, Government of India, Department of Revenue and Agriculture	1,300 0 0		
C. P.	100	H. H. Priest	3rd Dec. '79	Assistant Commissioner, 2nd class (Officiating Commissioner of Excise), Sambalpur	700 0 0	+ 333	
A.	101	R. F. Pope	1st Nov. '79	Assistant Commissioner, 1st grade, South Sylhet. (*Fulough for 19 months, from 28th April 1888.*)			
			1880.				
A.	102	P. G. Melitus	14th Dec. '80	Assistant Commissioner, 2nd grade, Assam. (Officiating Assistant Secretary to Chief Commissioner)	700 0 0	+ 100	
C. P.	103	F. A. Theodore Phillips	11th Nov. '80	Assistant Commissioner, 2nd class, Central Provinces. (*On furlough to Europe for 1 year, from 11th November 1888.*)			
B. B.	104	C. G. Bayne	27th Dec. '80	Deputy Commissioner, 4th grade. Officiating Secretary to Chief Commissioner	1,200 0 0	+300	
			1881.				
C. P.	105	A. C. Duff	2nd Jan. '82	Assistant Commissioner, 3rd class, Central Provinces. (*On furlo.*)			
B.	106	J. C. E. Branson	16th Jan. '82	Enrolled Officer, Class IV.) Deputy Accountant General, Bombay	800 0 0	+ 300	
A.	107	A. F. Steinberg	30th Dec. '81	Assistant Commissioner, 2nd grade, Assam, North Lukimpore. (Officiating, 1st grade), Dibrugarh	700 0 0	+ 100	
			1882.				
B. B.	108	F. C. Gates	18th Dec. '82	Assistant Commissioner, 1st grade, Katha. (Officiating Deputy Commissioner, 3rd grade)	1,000 0 0	+ 266	
A.	109	P. H. O'Brien, C S	6th Nov. '82	Assistant Commissioner, 3rd grade, Habigang, Sylhet. (*Furlough for 11 months, from 18th November 1888.*)			
C. P.	110	L. S. Carey	14th Dec. '82	Settlement Officer, 2nd class, Raipur	600 0 0	+400	
B. B.	111	W. G. L. Rice	10th Nov. '82	Assistant Commissioner, 1st grade, Burma, Magwe. (Officiating Deputy Commissioner, 3rd grade)	1,000 0 0	+266	
B B.	112	A. E. Hurry, B.A.	25th Oct. '82	Assistant Commissioner, 1st grade, Burma. (Officiating Deputy Commissioner, 3rd grade, Upper Chindwin)	1,000 0 0	+266	
A.	113	A. W. Davis	14th Dec. '82	Assistant Commissioner, 2nd grade, Naga Hills, Kohima (Officiating ditto, 1st grade)	700 0 0	+100	
B. B.	114	A. S. Fleming	13th Dec. '82	Assistant Commissioner, 1st grade, Burma. (Officiating Deputy Commissioner, 3rd grade, Sandoway)	1,000 0 0	+266	
B. B.	115	H. P. Todd-Naylor	14th Dec. '82	Assistant Commissioner, 1st grade, Burma. (Officiating Deputy Commissioner, 3rd grade, Tharrawaddy)	1,000 0 0	+266	
I.	116	E C G. olvin	4th Jan. '83	First Assistant to Governor General's Agent, Biluchistan (Political Assistant, 3rd class (sub *pro tem.*) (Offg. 3rd class)	500 0 0	+100 + 150	

Rs. 1,100 rising to Rs. 1,750.

GRADATION LIST OF COVENANTED CIVILIANS HOLDING APPOINTMENTS, &c.—*continued.*

Presidency attached	No.	Name.	Date of arrival in India.	Appointment.	Salary per mensem.	Remarks.
		Class V—*contd.*	1882.		R a. p.	R
C. P.	117	M. W Fox Strangways	26th Nov. '82	Assistant Commissioner, 3rd class, Jubbulpur, Settlement Officer, 3rd grade	600 0 0	+200
C. P.	118	A. L Saunders	27th Nov '82	Under Secretary to Chief Commissioner, Central Provinces	800 0 0	
C. P.	119	A. S. Womack	5th Dec. '82	Assistant Commissioner, 4th class, Central Provinces (Officiating Deputy Commissioner, 4th class), Bhandra	500 0 0	+333-5-4
			1883			
C. P.	120	T. C. Wilson	26th Nov. '83	Assistant Commissioner, 4th class, Sambalpur, Central Provinces. (Officiating Assistant Commissioner, 2nd class, and Settlement Officer, 3rd grade)	500 0 0	+200+100
B. B.	121	H. S. Hartnoll	22nd Nov. '83	Assistant Commissioner, 1st grade, Burma. (Officiating Deputy Commissioner, 3rd grade, Minbu)	1,000 0 0	+266
A.	122	W. Teunon	24th Dec. '83	Assistant Commissioner, 2nd grade, Assam, Cachar, Hailakandi	700 0 0	
B. B.	123	A. T. A. Shaw	13th Dec. '83	Assistant Commissioner, 2nd grade, Kyaukpyu. (Officiating Deputy Commissioner, 3rd grade)	700 0 0	+422
			1884.			
B. B.	124	N. G. Cholmeley, B A.	22nd Dec. '84	Assistant Commissioner, 2nd grade, Yamethin. (Officiating Deputy Commissioner, 3rd grade)	700 0 0	+422
A.	125	J. L Herald	24th Dec. '83	Assistant Commissioner, 3rd grade, South Sylhet. (Officiating, 2nd grade)	500 0 0	+200
C. P.	126	R. H. Craddock	1st Dec. '84	Assistant Commissioner, 4th class, Central Provinces (Officiating Assistant Commissioner, 2nd class, and Assistant to the Commissioner of Settlements and Agriculture)	500 0 0	+300
A.	127	E. A. Gait	11th Dec. '84	Assistant Commissioner, 2nd grade, Assam, Mangaldai. (Officiating Deputy Commissioner, 4th grade, Kamrup)	700 0 0	+200
B. B.	128	D. H. R. Twomey	22nd Dec. '84	Under Secretary to Chief Commissioner, Burma	1,000 0 0	
C. P.	129	H. A. Crump	10th Nov. '85	Assistant Commissioner, 4th class, Central Provinces, Jubbulpur. (Officiating Assistant Commissioner, 2nd class)	500 0 0	+200
B.	130	H. R. H. Coxe	1st Nov. '84	Under Secretary to Chief Commissioner, Burma	1,000 0 0	
			1885.			
A.	131	G. Gordon	4th Dec. '85	Assistant Commissioner, 3rd grade, Assam, Kamrup. (Officiating, 2nd grade)	500 0 0	+200

A.	132	C. W. E. Pittar	31st Oct. '84	Assistant Commissioner, 3rd grade, Habiganj. (Officiating, 2nd grade)	500 0 0	+ 200
C. P.	133	J. A. C. Skinner	28th Oct. '85	Assistant, Commissioner, 4th class, Nagpur. (Officiating, 2nd class. Registrar, Judicial Commissioner's Court)	500 0 0	+ 300
C. P.	134	H. V. Drake-Brockman, B.A., LL.B.	10th Dec. '86	Assistant Commissioner, 4th class, Central Provinces, Saugor (Officiating Assistant Commissioner, 3rd class)	500 0 0	+ 100
A.	135	W. B. Brown	8th Dec. '86	Assistant Commissioner, 3rd class, Assam, Nowgong	800 0 0	
B.	136	W. H. A. St. John Leeds	10th Dec. '85	Assistant Commissioner, 3rd grade. (Officiating ditto, 1st grade, Moulmein)	600 0 0	+ 266
B. B.	137	D. Wilson, M.A.	4th Feb. '86	Assistant Commissioner, 3rd grade, Burma, Thaton. (Officiating, 1st grade)	600 0 0	+ 266
A.	138	W. H. Cossins	20th Jan. '86	Assistant Commissioner, 3rd grade, Assam, Sylhet (Karimganj) (Officiating, 2nd grade)	500 0 0	+ 200
A.	139	H. E. Ransom	12th Dec. '85	Assistant Commissioner, 3rd grade, Darrang (Mangaldai).	500 0 0	
B. B.	140	A. Thomson	21st Dec. '85	Assistant Commissioner, 3rd grade. (*On leave, on medical certificate, for 1 year, from 26th April 1888.*)		
			1886.			
A.	141	H. LeMesurier	9th Nov. '86	Assistant Commissioner, 3rd grade, Sylhet (Assam)	500 0 0	
	142	J. M T. George	...	Assistant Commissioner, 4th grade, Pyuntaza	450 0 0	
B B.	143	E. C. S. George	7th Mar. '87	Assistant Commissioner, 4th grade, Burma, Mandalay. (Officiating, ditto, 2nd grade)	500 0 0	+ 200
			1887.			
C. P.	144	H. M. Laurie, B.A., (*Barrister-at-Law.*)	3rd Dec. '87	Assistant Commissioner, 4th class, Nagpur, Central Provinces (Officiating Assistant Commissioner, 3rd class)	500 0 0	+ 100
C. P.	145	H. O'Beirne	10th Dec. '87	Assistant Commissioner, 4th class Jubbulpur, Ditto	400 0 0	
B. B	146	C. C. Lowis	9th Jan. '88	Assistant Commissioner, 4th grade, Burma, Paungbyu	450 0 0	
C. P.	147	C. W. Edmonstone Montgomery	7th Dec. '87	Assistant Commissioner, 4th class, Centl. Provinces, Hoshangabad	400 0 0	
C. P.	148	F. G. Sly	16th Dec. '87	Assistant Commissioner, 4th class, Centl. Provinces, Sambalpur	400 0 0	
C. P.	149	C. R. Cleveland	5th Dec. '87	Assistant Commissioner, 4th class, Centl. Provinces, Bilaspur	450 0 0	
	150	E. A. De Brett	...	Assistant Commissioner, 4th class, Raipur	400 0 0	
B.	151	H. G. W. Herron	27th Dec. '87	Assistant Commissioner, 4th grade, Burma, Rangoon, Pyinmana	450 0 0	
A.	152	F. C. Henniker	6th Dec. '87	Assistant Commissioner, 3rd grade, Assam, Sibsagar	450 0 0	
			1888.			
B. B.	153	W. H. Dawson	18th Oct. '88	Assistant Commissioner, 4th grade, Burma, Rangoon. (On special duty)	450 0 0	
B. B.	154	B. P. Standen	18th Oct. '88	Personal Assistant to the Chief Commissioner, Burma	450 0 0	
B. B.	155	R. C. M. Symes	12th Dec. '88	Assistant Commissioner, 4th grade, Burma, Bassein	450 0 0	

GRADATION LIST OF COVENANTED CIVILIANS HOLDING APPOINTMENTS, &c.—*concluded.*

Presidency attached	No.	Name	Date of arrival in India	Appointment	Salary per mensem.	Remarks
			MADRAS		R a p	R
	1	The Hon'ble Philip Perceval Hutchins (*Barrister-at Law*), C S I	27th Feb '58	Ordinary Member of the Council of the Governor General of India	6,400 0 0	
	2	H F Clogstoun	25th Nov. '64	Accountant General and Commissioner of the Department of Issue of State Paper Currency Madras, 2nd class (*On furlough to Europe for 18 months, from 19th April 1888*)		
	3	A F Cox	3rd Nov 71	Officiating Accountant General and Commissioner of the Department of Issue of State Paper Currency, Bombay, 2nd class	1 800 0 0	+ 500 + 250
	4	G S. Forbes, M A	16th Oct '72	Political Agent, 2nd class, and First Assistant and Secretary for Berar to the Resident at Hyderabad (*Special leave for 6 months, from 17th April 1889*)	1,166 10 8	+ 330 + 250
	5	A. H. T. Martindale	10th Nov '75	Political Agent, 3rd class (Officiating Political Agent, 2nd class, First Assistant to the Governor General's Agent Central India)	1,000 0 0	+ 200
	6	B Houghton	23rd Jan '85	Assistant Commissioner, 2nd grade, Yeu (Officiating Deputy Commissioner, 4th grade)	700 0 0	+ 333
	7	A F Pinhey	3rd Nov '84	Assistant Commissioner, 2nd grade, Kyaikts (Officiating, 1st grade)	700 0 0	+ 200
			BOMBAY			
	1	A D Carey	9th Nov '65	Commissioner, Northern India Salt Revenue, Agra (*On special leave for 6 months, from 20th April 1889*)		
	2	A Wingate, C I E	8th Nov '69	Settlement Officer, Kashmir (*On furlough*)	1,800 0 0	+ 150
	3	W. J Cunningham	21st Nov '70	Under Secretary to the Government of India, Foreign Department (*Furlough to the 1st December 1889*)	1,500 0 0	
	4	J. W P. M Mackenzie, M R A C	28th Nov '76	Under Secretary to the Government of India in the Revenue and Agricultural Department	1 300 0 0	
	5	E Lawrence, B A.	12th Nov '78	Under Secretary to the Government of India, Department of Finance and Commerce	1,300 0 0	
	6	J. A. Crawford	17th Sept .78	Officiating Political Agent, 2nd class, Junior Under Secretary to the Government of India, Foreign Department Assistant to the Resident in Mysore, and Secy. to the Chief Commr of Coorg	1 300 0 0	
	7	R A. Lamb	21st Oct '79	Deputy Commissioner, 4th grade, Sagaing Officiating 2nd grade)	1,200 0 0	+ 333
	8	W. T Morison	2nd Dec '81	Deputy Commissioner, 4th grade, Burma, Shwebo (Officiating 3rd grade)	1,200 0 0	+ 133
	9	A L. P. Tucker	28th Dec '82	Settlement Officer, Kotputli, Jeypore	1,000 0 0	

	10	S. St. John Westlake . . .	19th Oct. '86	Assistant Commissioner, 3rd grade, Ganethu (Officiating, 1st grade, Burma	600	0	0	266
		Officers officiating to fill vacancies and on deputation under the Government of India.						
B.	1	The Hon'ble F. M. Halliday .	30th Oct. '56	Additional Member, Governor General's Council . . .	2,916	0	0	+800
N.	2	A. B. Patterson . . .	20th Dec. '63	Officiating Commissioner, Northern India, Salt Revenue . .	2,250	0	0	+166 + 250
B.	3	The Hon'ble R. F. Rampini, M.A. (*Barrister-at-Law*).	29th Nov. '64	Officiating Judge of the High Court of Judicature at Fort William	2,500	0	0	+1,250
N.	4	A. W Stagdon . . .	11th Nov. '64	Officiating Judge, Chief Court, Punjab	1,800	0	0	+466
B.	5	The Hon'ble H. W. Gordon, B.A.	12th Nov. '64	Officiating Judge of the High Court of Judicature at Fort William	2,500	0	0	+1,250
B.	6	C. S. Bayley (*Barrister-at-Law*).	31st Dec. '77	Additional Political Agent, 1st class and Political Agent, Ajmere, Bikaneer	1,200	0	0	
B.	7	F. C. Harrison . . .	27th Nov. '84	Officiating Assistant Accountant General, Madras . . .	500	0	0	+333
B.	8	A. P. Pennell	25th Nov. '86	Officiating enrolled officer, class IV; Assistant Comptroller, India Treasuries	500	0	0	+200

N.B.—"A." stands for Assam, "B." for Bengal, "B. B." for Burma, "C. P." for Central Provinces, "H" for Hyderabad, "N." for North-Western Provinces, "P." for Punjab.

History of Services of Gazetted Officers serving under the Government of India, in the Home, Legislative, and Revenue and Agricultural Departments, corrected to 1st July 1889.

HOME DEPARTMENT.

ANTHONY PATRICK MACDONNELL, M.A., C.S.I.—Arrived, 3rd November 1865; Junior Civil Servant, 3rd November 1865; passed in one language, 1st February 1866; qualified for the public service, 2nd July 1866; Assistant Magistrate and Collector, Monghyr, 1st August 1866; passed the lower standard, 1st June 1868. Assistant Magistrate and Collector, Nuddea, 3rd June 1868; passed the higher standard in October 1868; Assistant Commissioner, Hazaribagh, 11th December 1868; Assistant Magistrate and Collector, Pubna, 9th July 1869; Officiating Joint Magistrate and Deputy Collector, 2nd grade, 31st August 1869; Assistant Magistrate and Collector, Pubna, 9th December 1869; Officiating Joint Magistrate and Deputy Collector, 2nd grade, 1st April 1870; Officiating Joint Magistrate and Deputy Collector, 1st grade, Mymensing, 14th April 1870; Officiating Magistrate and Collector, Mymensing, 25th April 1870; Officiating Joint Magistrate and Deputy Collector, Mymensing, 1st grade, 2nd May 1870; Assistant Magistrate and Collector, Mymensing, continuing to officiate as Joint Magistrate and Deputy Collector, 1st grade, 30th June 1871; furlough, from 5th July 1872 to 18th October 1873; Assistant Magistrate and Collector of Tirhoot, 30th October 1873; Officiating Joint Magistrate and Deputy Collector, 1st grade, 1st November 1873; Joint Magistrate and Deputy Collector, 2nd grade, continuing to act in the 1st grade, 1st September 1874; Officiating Magistrate and Collector, 3rd grade, Durbhunga, 11th January 1875; on special duty in the Bengal Secretariat, 25th May 1875; Officiating Magistrate and Collector, Durbhunga, 9th March 1876; Joint Magistrate and Deputy Collector, 1st grade, continuing to officiate as Magistrate and Collector of the 3rd grade, Durbhunga, 11th August 1876; Officiating Magistrate and Collector, 2nd grade, 30th August 1877; furlough, from 15th May 1878 to 3rd November 1879; Officiating Magistrate and Collector, 3rd grade, Sarun, 13th November 1879; Officiating Magistrate and Collector, 2nd grade, 14th February 1880; Officiating Magistrate and Collector, 3rd grade, 18th November 1880. Services placed at the disposal of the Government of India, in the Department of Finance and Commerce, 10th May 1881; Officiating Accountant General, Bengal, 20th May 1881; services replaced at the disposal of the Government of Bengal, 31st August 1881; Officiating Secretary to the Government of Bengal, Revenue and General Departments, 1st September 1881; services placed at the disposal of the Government of India, in the Department of Finance and Commerce, 6th January 1882; Officiating Accountant General, Bengal, 4th January 1882. Services replaced at the disposal of the Government of Bengal, 26th April 1882; Officiating Secretary, Government of Bengal, General and Revenue Departments, 27th April 1882; privilege leave for three weeks, from 10th March 1884; Magistrate and Collector, 3rd grade, but continued to act as Secretary to the Government of Bengal, Revenue and General Departments, 25th May 1884; Secretary, Government of Bengal, General and Revenue Departments, 29th July 1884; Member of the Lieutenant-Governor's Council, and Secretary, Government of Bengal, General and Revenue Departments, 13th October 1884; privilege leave for three months, from 13th July 1885; Officiating Secretary, Government of India, Home Department, 5th March 1886; confirmed as Secretary, Home Department, 24th March 1887. Privilege leave for two months and 13 days, from 11th January 1888. Privilege leave for 20 days from 18th March 1889.

JOHN PRESCOTT HEWETT.—Joined the service, 29th August 1877; arrived in India, 17th December 1877; attached to North-Western Provinces, 26th October 1877; posted as an Assistant Magistrate and Collector to Agra, and invested with the powers of a Magistrate of the 3rd class, and with those of an Assistant Collector, 2nd class, 20th December 1877; invested with the powers of a Magistrate of the 2nd class, and with those of an Assistant Collector, 1st class, 10th May 1878; passed the Departmental examination by the higher standard in all subjects, 3rd January 1879; invested with the powers of a Magistrate of the 1st class, 20th January 1879; transferred to Bulandshahr, 29th July 1879; transferred to Agra, 15th November 1879; privilege leave from 8th August to 13th September 1880; transferred to Muttra, 16th October 1880;

retransferred to Agra, 23rd November 1880; privilege leave from 9th May to 17th July 1880; transferred as Assistant Commissioner of Tarái, 1st December 1881; examination leave, from 1st to 4th April 1882; appointed to act as Additional Assistant Commissioner at Naini Tal, in addition to his other duties, from 8th May 1882; held charge of Naini Tal in addition to his own duties, during the absence on leave of Mr. Casey, from 5th June to 3rd September 1883; appointed in the meanwhile to the charge of the Provincial Gazetteer, North-Western Provinces and Oudh, in addition to his other duties, 7th August 1883; Assistant Commissioner, Fyzabad, 3rd February 1884; Junior Secretary, Board of Revenue, North-Western Provinces and Oudh, 11th April 1884; privilege leave for three months, from 1st April 1885; Officiating Under-Secretary, Government of India, Home Department, 27th October 1886, confirmed as Under-Secretary, Home Department, 20th August 1887. Privilege leave for one month, from 9th April 1888. Officiating Private Secretary to His Excellency the Viceroy and Governor-General of India, 9th October 1888; Under-Secretary to the Government of India in the Home Department, 18th December 1888. Privilege leave from 6th February 1889 to 18th March 1889. Officiating Secretary to the Government of India, Home Department, 18th March 1889. Under-Secretary to the Government of India, Home Department, 6th April 1889.

HOME—MEDICAL DEPARTMENT.

SURGEON-GENERAL SIR BENJAMIN SIMPSON, B.A., M.D., K.C.I.E., *Indian Medical Service.*

	Dates of Commission.
Assistant Surgeon	20th October 1853.
Surgeon	26th September 1864.
Surgeon-Major	1st July 1873.
Brigade-Surgeon	27th November 1879.
Deputy Surgeon-General	31st March 1882.
Surgeon-General	29th March 1885.

Appointments.—Regimental duty with Artillery Recruits, 10th Bengal Cavalry, and 39th, 70th and 68th Native Infantry, 1853 to 1856; Civil Surgeon, 24-Pergunnahs, Darjeeling and Patna, 1860 to 1881; Deputy Surgeon-General, Southern Afghanistan Field Force and Quetta Division, 1881; Civil Surgeon of Patna, 10th December 1881 to 31st March 1882; Deputy Surgeon-General and Sanitary Commissioner, Central Provinces, Nagpur, 3rd April 1882 to 3rd April 1883; Officiating Surgeon-General, Bengal, 9th April 1883 to 20th August 1883; Surgeon-General, Punjab, 29th August 1883 to 25th October 1884; Surgeon-General, Bengal, 26th October 1884 to 28th March 1885; Sanitary Commissioner with the Government of India, 29th March 1885 to date; furlough, medical certificate, 183 days, from 20th April 1888.

War Services.—Bhutan Campaign, 1865; in medical charge, Runjeet and Teesta outposts.—(Frontier medal and clasp.)

SURGEON-MAJOR ARTHUR BARCLAY, M.B., *Indian Medical Service.*

	Dates of Commission.
Surgeon	30th September 1874.
Surgeon-Major	30th September 1886.

Appointments.—Candidate, Army Medical School, 30th September 1874 to 9th February 1875; awaiting orders and *en route* to Calcutta, 10th February 1875 to 28th March 1875; Presidency General Hospital, Calcutta, 29th March 1875 to 23rd May 1875; Regimental duty with Bengal Sappers and Miners, 5th, 8th and 9th Regiments, Native Infantry, 1st and 2nd Regiments, Central India Horse, 45th, 29th Regiments, Native Infantry, and 6th B.C., 24th May 1875 to 1st February 1880; Civil Medical charge, Deoli (temporary), 2nd February 1880 to 12th May 1880; Officiating Medical charge, 6th Regiment, Bengal Cavalry, 13th May 1880 to 5th November 1880; at the disposal of Bengal Government, 6th November to 19th November 1880; Officiating Civil Surgeon, Jessore, 20th November 1880 to 9th August 1881; Officiating 2nd Resident Surgeon, Presidency General Hospital, 10th August 1881 to 2nd March 1882; 2nd Resident Surgeon, Presidency General Hospital, 3rd March 1882 to 15th March 1882; Officiating Professor of Physiology, Calcutta Medical College, 16th March 1882 to 28th March 1883; Officiating Secretary to Surgeon-General with the Government of India, 1st April 1883; Secretary to Surgeon-General with the Government of India, 1st April 1885 to date; furlough, medical certificate, 1 year, from 22nd January 1888.

War Services.—*Afghan War, 1879-80.*—Capture of Ali Musjid.—Medal with clasp.

SURGEON-MAJOR DAVID WILKIE, M.B., *Indian Medical Service.*

	Dates of Commission.
Surgeon	1st April 1873.
Surgeon-Major	1st April 1885.

Appointments.—Candidate, Army Medical School, Netley, 1st April 1873 to 31st July 1873; awaiting orders and *en route* to Bombay, 1st August to 9th November 1873; *en route* Bombay to Calcutta, 10th November to 10th March 1873; Presidency General Hospital, Calcutta, 18th November 1873 to 2nd January 1874; Andaman Islands with convicts, 3rd January 1874 to 6th February 1874; Presidency General Hospital, Calcutta, 7th February 1874 to 8th March 1874; proceeded to Mozaffarpore for duty in connection with famine, 9th March 1874 to 21st March 1875; Officiating Junior Civil Surgeon, Allahabad, 22nd March 1875 to 20th March 1876; Junior Civil Surgeon, Allahabad, 21st March 1876 to 11th February 1877; Officiating Superintendent, Central and District Jails, Benares, 12th February 1877 to 20th April 1877; Officiating Superintendent, Central Jail, Allahabad, 21st April 1877 to 14th October 1877; Officiating Superintendent, Central and District Jails, Benares, Agra, and Bareilly, 8th April 1878 to 7th November 1879; Civil Medical charge, Almorah, 18th November 1879 to 23rd April 1880; Superintendent, Central and District Jails, Benares

and Bareilly, 24th April 1880 to 13th October 1880; Superintendent, Central Prison, Allahabad, 14th October 1880 to 15th January 1881; Officiating Civil Surgeon, Lalitpur, 25th January 1881 to 21st February 1881; Officiating Superintendent, Central Prison, Bareilly, 7th March 1881 to 31st December 1881; Superintendent of Jails, Bareilly, 1st January 1882 to 5th February 1882; Superintendent of Jails, Fatehgarh, Bareilly, and Agra, 4th April 1882 to 31st December 1882; Superintendent of Central Prisons, Agra and Bareilly, from 1st January 1883 to 14th May 1886; Officiating Statistical Officer to the Government of India in the Medical and Sanitary Department, from 15th May 1886 to 13th November 1886; confirmed in the appointment, 14th November 1886. Furlough, private affairs, 1 year, from 4th April 1888.

War Services.—Nil.

SURGEON-MAJOR WILLIAM NAPIER KEEFER, *Indian Medical Service.*

Dates of Commission.

Surgeon	1st October 1869.
Surgeon-Major	1st October 1881.

Appointments.—Doing duty, Presidency General Hospital, Calcutta, 27th April 1870 to 13th June 1870; Calcutta to Peshawar, 13th June 1870 to 3rd July 1870; Regimental duty with Doabu Outposts, 16th Bengal Cavalry, Wing, 22nd Punjab Infantry, 42nd Native Infantry, and Coolie Corps at Looshai Campaign, 4th July 1870 to 7th April 1872; at General Hospital awaiting orders, 7th April 1872 to 27th April 1872; Regimental duty with 8th and Wing, 10th Native Infantry, 20th Punjab Infantry, and in medical charge, Lock Hospital and detachment, 8th Bengal Cavalry and Station Staff, and 20th Punjab Infantry, 27th April 1872 to 22nd August 1880; in Medical charge, Coolie Corps, Duffla Campaign, 24th October 1874 to 11th March 1875; in Medical charge, 20th Punjab Infantry, 11th March 1875 to 20th July 1875; furlough, medical certificate, 30th July 1875 to 29th October 1877; Regimental duty with 20th Punjab Infantry, Zowaki Campaign, 22nd November 1877 to 25th January 1878; Officiating Civil charge, Peshawar, 17th May 1878 to 17th October 1878; Regimental duty with 20th Punjab Infantry and Native Base Hospital, Afghan War, 1878-79 and 1880, and 13th Bengal Lancers, 20th November 1878 to 1st April 1881; Lawrence Military Asylum, Sanawar, 11th April 1881 to 19th July 1882; Regimental duty with 13th Bengal Lancers, 20th July 1882 to 7th April 1884; Senior Medical Officer at Port Blair and the Nicobars, 7th April 1884 to 31st December 1885; furlough, medical certificate, one year, 20th February 1887, extended, medical certificate, 1 year and 5 months.

War Services—

Looshai Expedition, 1871-72.—Medal with clasp.

Duffla Expedition, 1874-75.—Despatches, G. G. O., 375 of 1875.

Zowaki Expedition, 1877-78.—Clasp.

Afghan War, 1878-79-80.—Capture of Ali Musjid, Lughman Valley Expedition, Zaimukht Expedition; Capture of Zawa.—Medal with clasp.

Egyptian Expedition, 1882.—Actions of Kassassin and Tel-el-Kebir.—Medal with clasp; Bronze Star, 4th Class of Osmanieh.

SURGEON-MAJOR G. P. MACKENZIE, M.B., C.M., I.M.S.

Dates of Commission.

Assistant Surgeon	1st April 1870.
Surgeon	1st July 1873.
Surgeon-Major	1st April 1882.

Appointments.—Doing duty, Presidency General Hospital, 9th December 1870 to April 1871; Civil employment, Bhagalpore, Debrughar and Rawal Pindi, April 1871 to June 1872; Regimental employment, June 1872 to 31st October 1884; Held following medical charges:—6th Punjab Infantry, 4th Punjab Infantry, 16th Bengal Cavalry, 41st Native Infantry, 6th Native Infantry, 3rd Bengal Cavalry, 4th Native Infantry, Lawrence Military Asylum, Sunawar, 1st November 1884 to 9th November 1886; 4th Bengal Infantry, 10th November 1884 to 8th May 1887; Officiating Senior Medical Officer, Port Blair, 9th May 1887 to date.

War Services.—Nil.

HOME—HIGH COURT.

THE HONORABLE SIR WILLIAM COMER PETHERAM, KNIGHT, Barrister-at-law, Q.C.—Appointed Chief Justice of the High Court, North-Western Provinces, 1st November 1884; transferred to the office of Chief Justice of the Calcutta High Court with effect from 24th March 1886; appointed *Vice*-Chancellor of the University of Calcutta, 3rd June 1887; *privilege leave for 28 days from 25th July 1887.*

THE HONORABLE A. WILSON, Barrister-at-law.—Appointed a Judge of the Calcutta High Court, 12th November 1878; *privilege leave from 16th November 1880 to 8th January 1881; furlough to Europe from 13th March 1883 to 12th February 1884; privilege leave for 2 months, from 22nd June 1887; on special duty as Chairman in the Crawford commission case at Poona since 12th September 1888; furlough from 21st March to 8th September 1889.*

THE HONORABLE J. Q. PIGOT, Barrister-at-law.—Appointed a Judge of the Calcutta High Court, 4th May 1882; *furlough on private affairs from 23rd November to 7th December 1882; furlough from 25th June 1886 to 19th March 1887; and further extension for 3 months and 17 days, from 20th March 1887.*

THE HONORABLE J. F. NORRIS, Barrister-at-law, Q.C.—Appointed a Judge of the Calcutta High Court, 17th June 1882; *privilege leave from 18th November to 17th December 1883; furlough from 14th September 1885 to 17th January 1886; special leave for 11 months, from 14th September 1886; privilege leave for one month from 11th August 1888.*

THE HONORABLE E. J. TREVELYAN, Barrister-at-law.—Advocate, Calcutta High Court, 1876; Secretary, Board of Examiners, for Pleaders and Mookteais, 1875-1880; Officiating Presidency Magistrate, 1876. Appointed a Judge of the Calcutta High Court, 12th January 1885; *furlough from 5th April to 4th December 1885.*

R BELCHAMBERS, Attorney-at-law, Registrar, Original Side.—Held a subordinate place in the office of the Registrar of the Supreme Court, from 15th September 1848 to 31st December 1849; appointed Deputy Registrar of the Supreme Court (a new office) in February 1851; appointed a Commissioner to take affidavits and affirmations in 1852; appointed Chief Clerk of the Insolvent Court, January 1855, and performed the duties of this office in addition to his duties as Deputy Registrar; appointed to officiate as Accountant General of the Supreme Court and Registrar of the Vice-Admiralty Court on 1st December 1854, and performed the duties of these offices in addition to his other duties; appointed Registrar of the High Court, October 1862 [the office of Deputy Registrar having been merged in that office]; was appointed Keeper of Records and Muniments in January 1863, and as such performed the duties of Registrar of Joint Stock Companies and other Assurances from January 1863 to 2nd February 1865, in addition to his other duties; *leave on medical certificate from 23rd February 1865 to 17th December 1867;* appointed to officiate as Prothonotary, Taxing Officer, Accountant General and Sealer, 23rd November 1867, and performed the duties of those offices in addition to his other duties; permanently appointed Taxing Officer, Accountant General and Sealer, with power to perform such of the duties of the Clerk of the Crown as are not connected with the Criminal Sessions, April 1869, and has since performed the duties of those offices in addition to his duties as Registrar; was relieved of the duties of Chief Clerk of the Insolvent Court, April 1869; has since the abolition of the Master's Office in December 1863 been largely employed to perform the duties of Master and other *quasi*-judicial duties in addition to the duties of his various offices; *privilege leave from 20th November 1874 to 19th February 1875, and from 5th July 1878 to 30th September 1878*; is required to perform further *quasi*-judicial duties under the rules of 1st March 1886. As the official member of the Board of Examiner's has, since November 1867, been in charge of the half-yearly examinations for the admission of attorneys.

Undertook literary work of a public or official character as follows:—

In 1874 prepared a note on "The Bill to consolidate the law relating to the Sheriff and to the execution of decrees of the High Court," which was submitted by the Judges to the Government with a letter, No. 1960, dated 24th July 1874.

At the end of the same year and in the earlier part of 1875, prepared a set of rules of procedure which were adopted by the Court and were mentioned with approval in the report of the working of the Original Side in 1875, and some of which have been embodied in the Civil Procedure Code, Act 14 of 1882.

In 1876 furnished a note on the Civil Procedure Bill, which received special notice in the report of the Select Committee,—*vide Gazette of India*, September 30th, 1876, Part V, page 950.

In 1880 published a book of Rules and Orders of the High Court, with notes and an index, 572 pages, quarto, which was added to the list of subjects of examination both for Vakeels and Attorneys.

In 1884 published a book of "Practice of the Civil Courts," 663 pages, quarto, which was favorably mentioned by the Court in a letter to the Government of Bengal, No. 112, dated 9th April 1885.

LEGISLATIVE DEPARTMENT.

THE HON'BLE ANDREW RICHARD SCOBLE, Q.C., C.S.I.—Called to the Bar at Lincoln's Inn, 26th January 1856; appointed Q. C., 1876; Remembrancer of Legal Affairs at Bombay, 1869-72; Advocate General at Bombay, 1872-77; took upon himself the execution of his office of Ordinary Member of the Council of the Governor General in India, 1st December 1886; took his seat in Council, 16th December 1886.

STEPHEN HARVEY JAMES.—Joined the service, 2nd August 1870; arrived in India, 30th October 1870; attached to the N.-W. Provinces, 30th September 1870; appointed an Assistant in the Meerut Division, and invested with the powers of a Subordinate Magistrate of the 2nd class, and with those of an Assistant Collector, 14th November 1870; posted as Assistant Magistrate and Collector to Meerut, 21st November 1870; invested with the powers of a Subordinate Magistrate of the 1st class, and with those of a Deputy Collector for the trial of suits under Acts X of 1859 and XIV of 1863, 16th May 1871; passed the Departmental Examination by the higher standard in all branches and invested with the full powers of a Magistrate and with those of a Deputy Collector under Regulation IX of 1833, 16th May 1872; transferred to Etah, 17th October 1872; *examination leave from 26th March to 9th April 1874; privilege leave from 16th August to 19th October 1874;* transferred to Allahabad, 2nd November 1874; appointed Junior Secy., Board of Revenue, N.-W. Provinces, 1st May 1875; officiated as Secretary to Board of Revenue, N.-W. P., from 23rd February to 27th March 1877, and from 30th March to 30th April 1877; appointed to officiate as Under-Secretary to Government, N.-W. P. and Oudh, 1st May 1877; confirmed as Under-Secretary to Government, N.-W. P. and Oudh, 1st August 1877; Officiating Junior Secretary to Government, N.-W. P., 1st August 1877; Officiating Junior Secretary to Government, N.-W.-P. and Oudh, 19th May 1878; reverted to Under-Secretary to Government, N.-W. P. and Oudh, 22nd August 1878; Officiating Registrar, High Court, N.-W. Provinces, 14th November 1878; appointed a Justice of the Peace within the N.-W. Provinces, 1st May 1879; *privilege leave from 6th August to 5th November 1879;* on being relieved of the office of Registrar, High Court, by Mr. R. J. Crosthwaite on the 3rd February 1881, was placed on special duty under the orders of the Court; Officiating Registrar, High Court, 24th February 1881; confirmed as Registrar, High Court, 4th May 1881, *privilege leave from 27th August to 26th November 1882;* resumed charge of his office as Registrar, 27th November 1882; was on special duty on the 28th November 1882; *privilege leave from 25th June to 13th July 1883;* was on special duty from 14th to 19th July 1883; resumed charge of his office as Registrar, 20th July 1883; was again placed on special duty and directed to accompany the Government to Lucknow, 10th October 1883; resumed charge of his office as Registrar, 19th November 1883; appointed Legal Remembrancer to the Government of the N.-W. P. and Oudh, 28th May 1884; transferred to the Government of India and appointed to officiate as Deputy Secretary in the Legislative Department, 4th March 1885, and as Secretary, 17th December 1885; confirmed as Secretary in the Legislative Department, 18th September 1887; *privilege leave, from 4th October 1887 to 2nd January 1888.*

JOHN MOLESWORTH MACPHERSON, Barrister-at-law.—Called to the Bar at the Inner Temple, 28th June 1876; admitted an Advocate of the High Court, Calcutta, 4th December 1876; appointed Deputy Secretary to the Government of India in the Legislative Department, 13th December 1877; *privilege leave from 27th February to 5th April 1881, and from 27th November 1882 to 26th February 1883;* furlough to Europe, with subsidiary leave, from 4th March 1885 to 24th March 1886; officiated as Secretary in the Legislative Department from 4th October 1887 to 2nd January 1888; *privilege leave from 2nd January to 1st April 1889.*

MR. MACPHERSON is the Editor of the 7th Edition of "Macpherson's Law of Mortgage in British India," and the Compiler of "Lists of British Enactments in force in Native States."

COLONEL HENRY SULLIVAN JARRETT.—Joined the service as Ensign, 13th December 1856; appointed to the Bengal Native Infantry, 24th February 1857; joined his appointment, 15th April 1857; promoted to Lieutenant, 11th July 1857; doing duty with Mooltan Artillery Division from September 1857 to June 1858; appointed to do duty with 6th Irregular Cavalry, 1st September 1858; and with Station Interpreter, Mooltan, November 1858; appointed Interpreter, V Battery, Royal Artillery, December 1858; exchanged into the 3rd European Regiment, April 1859; appointed to the 3rd Punjab Cavalry, June 1859; appointed Officiating Adjutant, 19th January 1860; appointed Station Staff Officer, Dera Ghazi Khan, 21st January 1860 and Dera Ismail Khan, 9th April 1860; appointed Adjutant, 1st Punjab Cavalry, 22nd February 1864, and 4th Bengal Cavalry, 12th January 1864; *furlough to Europe from 6th July 1868 to 9th April 1870;* promoted to Captain, 13th December 1868; appointed Officiat-

ing 2nd-in-Command, 4th Bengal Cavalry, 17th July 1869; appointed to officiate as Secretary Board of Examiners, 18th April 1870, and confirmed in that appointment, 29th March 1871; appointed to officiate as Assistant Secretary to the Government of India, in the Home Department, 18th April 1870, and in the Legislative Department, 2nd May 1873; *privilege leave from 17th January 1873 to 21st April 1873*; confirmed as Assistant Secretary, Government of India, Legislative Department, 17th August 1875; *furlough to Europe from 7th October 1875 to 12th January 1877*; promoted to Major, 13th December 1876; *furlough to Europe, from 31st March 1882 to 13th October 1883*; promoted to Lieutenant-Colonel, 13th December 1882; *privilege leave for 2 months and 29 days, with effect from 5th July 1886; privilege leave for 2 months and 6 days, with effect from 30th September 1888*; *furlough to Europe for 182 days, from 17th April 1889.*

War Service.—Indian Mutiny, 1858; present at outbreak of 62nd and 69th Regiments, and Native Horse Artillery at Mooltan August 1858; engaged in pursuit of Mutineers of those Regiments, in command of a troop of the 6th Irregular Cavalry under Brigadier-General Farquharson, 1st September 1858—received medal and mentioned in despatches.

Mahsud Waziri Expedition, 1860.—Present at action of Berara Pass and the remaining operations of the Expeditionary Force (under Brigadier-General N. Chamberlain); engaged with the same regiment in the blockade of the same tribe on the Tok Frontier (1861-62)—received medal and clasp; 2nd Eusufzai Expedition, 1863; served with and present at all actions and operations of the Eusufzai Field Force as Aide-de-Camp to Brigadier-General N. Chamberlain, October 1863—received clasp.

Statements of the Services of Officers in the Survey of India.

Corrected up to 1st July 1889.

COLONEL H. R. THUILLIER, *Royal Engineers (Bengal), Surveyor-General of India.*—Joined the Honourable East India Company's Military College, Addiscombe, 11th June 1855; obtained his commission as 2nd Lieutenant, 12th June 1857; on duty at the Royal Engineering Establishment, Chatham, from 1st August 1857 to February 1859; promoted to 1st Lieutenant, 27th August 1858; arrived in India, 29th April 1859; appointed to the Survey Department as 2nd Assistant, Great Trigonometrical Survey, 21st May 1859; attached to the Great Indus Series Party from 20th November 1859 to 28th February 1861; promoted to 1st Assistant, 1st February 1861; transferred to the Kashmir Survey and employed thereon from 1st March 1861 to 28th February 1862; appointed to the charge of the Levelling Party, 1st March 1862; appointed to the charge of the East Calcutta Longitudinal Series Party, 1st September 1862; employed on that undertaking till its completion in November 1867; then commenced the Brahmaputra series; designation of appointment changed to Surveyor, 3rd grade, 1st April 1866; promoted to 2nd grade, 1st September 1869; designation changed to Deputy Superintendent, 2nd grade, 1st September 1869; Captain, 10th November 1869; employed on the Brahmaputra series triangulation till October 1870; then transferred to the charge of the Kumaon and Garhwal Topographical Survey; furlough to Europe, 14th March 1871; promoted to Deputy Superintendent, 1st grade, 18th July 1871; returned to India from furlough, 9th March 1873; resumed charge of the Kumaon and Garhwal Survey party in October 1873; employed on the survey of the Dehra Dun and Jaunsar-Bhawar districts till April 1876; reverted to Deputy Superintendent, 2nd grade, 1st April 1874, under reorganization of the department, and officiated as Deputy Superintendent, 1st grade, from that date; appointed to officiate as Superintendent, Great Trigonometrical Survey, 4th April 1876; Major, 7th October 1876; reverted to Officiating Deputy Superintendent, 1st grade, 1st November 1876; transferred to the charge of the Mysore Topographical Survey in March 1877; promoted to Deputy Superintendent, 1st grade, 27th October 1878, under the reorganization of 1878; furlough to Europe from 17th November 1879 to July 1881; on special duty at Poona, July to October 1881; resumed charge of the Mysore Topographical Survey, November 1881; Brevet Lieutenant-Colonel, 7th October 1883; appointed to officiate as Deputy Surveyor-General, in charge Revenue Branch, from 5th March 1884; confirmed, 1st October 1884; appointed to officiate as Surveyor General of India from 24th February 1886; Lieutenant-Colonel, 12th August 1886; confirmed as Surveyor-General of India, 19th February 1887; Colonel, 7th October 1887. On privilege leave for 3 months, from 11th April 1889.

COLONEL JAMES SCONCE, *Bengal Staff Corps, Officiating Surveyor-General of India.*—Joined the Honourable East India Company's Military College at Addiscombe, February 1852; date of first commission as 2nd Lieutenant, Bengal Artillery, 9th December 1853; landed in India, 2nd April 1854; promoted to 1st Lieutenant, 23rd September 1857; appointed to Bengal Horse Artillery, 11th February 1858; appointed Adjutant, 4th Battalion, Bengal Artillery, 15th July 1859; appointed Assistant Revenue Surveyor in the Bundelkhand Revenue Survey, 21st October 1859; transferred to the Royal Artillery, May 1861; appointed to the charge of 1st Division, Central Provinces Revenue Survey at Jubbulpore, 27th June 1862; promoted to Revenue Surveyor (now Deputy Superintendent of Survey), 3rd grade, 24th January 1863; promoted to 2nd Captain, Royal Artillery, 3rd April 1863; transferred to the charge of 3rd Division, Central Provinces Revenue Survey at Saugor, 13th November 1863; proceeded on furlough to Europe on sick certificate, 25th July 1864; returned from furlough and appointed to do duty in the Office of Superintendent, Revenue Survey, Calcutta, 16th March 1866; appointed to the charge of 6th Division, Lower Pro-

vinces Revenue Survey at Hazaribagh, 3rd November 1866; promoted to Deputy Superintendent of Survey, 2nd grade, 6th November 1868; transferred as Captain to Bengal Staff Corps, 8th March 1869; proceeded on furlough to Europe, 28th March 1872; returned from furlough and appointed to do duty in the Office of Superintendent of Revenue Surveys, Calcutta, 5th November 1873; appointed to the charge of the 3rd Division, Lower Provinces Revenue Survey at Midnapur, 6th December 1873; promoted to Brevet Major, 9th December 1873; transferred to the charge of the 8th Division, Revenue Survey (Western Soane Irrigation) at Arrah, 16th March 1876; promoted to Major, Bengal Staff Corps, 11th October 1876; appointed Deputy Surveyor-General, 1st January 1879; promoted to Lieutenant-Colonel, Bengal Staff Corps, 9th December 1879; Colonel, 9th December 1883; on furlough to Europe from 14th March 1884 to 7th March 1886; resumed charge of his office as Deputy Surveyor-General, Revenue Branch, on 11th March 1886. Officiating Surveyor-General of India from 11th April 1889.

War Services.—Served with the 1st Battalion, Bengal Artillery, and No. 17, Light Field Battery, at the siege and capture of Delhi in September 1857; in action with the rebels at Bulandshahr in October 1857; in action with the rebels at Agra, 10th October 1857; served during the operations leading to the relief of Lucknow by the Army under Sir Colin Campbell in October and November 1857; in action with the rebels at Cawnpore on 5th November 1857; in action with the rebels at Shumshabad, near Futtehgarh, in January 1858; at Alumbagh during the capture of Lucknow in March 1858; has received a mutiny medal with clasps for "Delhi," "Relief of Lucknow," "Capture of Lucknow."

MAJOR-GENERAL CHARLES THOMAS HAIG, *Royal Engineers (Bombay), Deputy Surveyor-General.*—Obtained his first commission from the Honourable East India Company's Military College at Addiscombe, 8th June 1854; on duty at the Royal Engineering establishment, Chatham, 1st August 1854; left Chatham, 9th April 1855; Lieutenant, 24th May 1856; arrived at Bombay, 5th July 1856; joined the Bombay Sappers and Miners at Poona forthwith; commanded a company of that corps with the Persian Expeditionary Force, 1856-57; returned to India, October 1857; started same month in command of a company of the Bombay Sappers and Miners to join the Rajputana Field Force, with which he was afterwards appointed Staff Officer of Engineers; in May 1858 was appointed Assistant Executive Engineer at Neemuch; 22nd September 1859, appointed 2nd Assistant in the Great Trigonometrical Survey of India; joined the Bombay Party, at Rajkot, 15th October 1859, but was employed with the Okhamandal Field Force in the taking of Dwarka till December 1859; assumed charge of the Bombay Party, March 1860, and was employed therewith in Kathiawar, Gujarat, Meywar, Malwa, the Deccan and Kanara, until March 1866; promoted to 1st Assistant, 1st February 1861, and to Captain, 12th April 1862; on furlough from 14th April to 13th October 1865; assumed charge of the Northern Bombay Party, March 1866; engaged in the Survey of Bombay and the Topographical Survey of Kathiawar till September 1869; promoted to Deputy Superintendent, 2nd grade, 1st October 1867; on furlough from 30th September 1869 to 22nd September 1871; assumed charge of the Gujarat Party and engaged in its Topographical Survey till June 1884, with the exception of furlough from 31st March 1877 to 30th October 1878, and deputation as Commissioner to the Venice Geographical Exhibition from 14th April to 7th November 1881; promoted to Major, 5th July 1872, and to Lieutenant-Colonel, 23rd January 1877; Officiating Deputy Superintendent, 1st grade, 1st November 1879; promoted to Colonel, 1st July 1881; again officiated as Deputy Superintendent, 1st grade, from 27th November 1881 to 31st December 1882, and from 12th February 1883. Confirmed in that grade, 1st November 1883; appointed Officiating Deputy Surveyor-General, in charge Trigonometrical Branch, 1st October 1884; confirmed 19th February 1887; on furlough for 1 year and 4 days from 1st December 1888. Promoted to Major-General, 30th November 1888.

War Services.—Served with Persian Expeditionary Force, 1856-57; present at the battle of Khushab, and at the taking of Mohamera—medal and clasp; served with the Rajputana Field Force, 1857-58; present at the siege and assault of Kota—medal and clasp; served with the Okhamandal Field Force, 1859; present at the siege of Dwarka.

LIEUTENANT-COLONEL GEORGE STRAHAN, *Royal Engineers (Bengal), Officiating Deputy Surveyor-General, in charge Trigonometrical Branch.*—Obtained his commission from the Honourable East India Company's Military College at Addiscombe on 10th December 1858; on duty at Royal Engineering Establishment at Chatham, February 1st, 1859; remained under instruction at the establishment till June 1860; arrived in India, November 20th, 1860; remained with the Sappers and Miners at Roorkee from 6th December 1860 till March 1861; employed in the Irrigation Branch, Public Works Department, till July 2nd, 1862; appointed on 2nd July 1862 to Survey Department; served as Assistant in the

Gwalior and Central India Survey for two years; assumed charge of No. 7 Party, Rajputana Survey, 1st September 1864; *sick leave to England, from 10th November 1867 to 6th July 1869; promoted to Captain, January 14th, 1871; appointed Deputy Superintendent, 3rd grade, November 10th, 1867; appointed Deputy Superintendent, 2nd grade, October 26th, 1870; transferred to charge of No. 8 Party, Mysore Survey, 1st October 1875; furlough to Europe on private affairs, from May 1st, 1877, to April 15th, 1879; assumed charge of No. 2 Party, Khandesh Survey, June 4th, 1879, and of Mysore Topographical Party, 1st November 1879; promoted to rank of Major, 27th May 1881; received charge of No. 2 Astronomical Party, 4th November 1881; Officiating Assistant Surveyor-General in charge, Engraving and Cartographic Offices, Head-quarters, Calcutta, from 27th April 1883 to 24th July 1883; assumed charge of No. 2 Astronomical Party, 1st August 1883; furlough to Europe for one year from 7th May 1884, with extension for 6 months: promoted to Deputy Superintendent, 1st grade, 10th November 1884. On duty in Europe from 10th April to 4th August 1885, inclusive (period to count as service, *vide* Secretary of State's letter No. 231, dated 3rd September 1885). In charge, Astronomical No. 2 Party, 13th November 1885, and of the Andaman Survey likewise from 18th May 1886. Nomenclature of Party changed to Nicobar, 1st October 1886; made over charge of No. 2 Astronomical Party on the 15th October 1886; promoted to Lieutenant-Colonel, 8th September 1886; made over charge of No. 21 Party (Nicobar) and resumed that of No. 23 Party (Astronomical II), 1st October. Charge of No. 22 Party (Astronomical I) from 1st to 30th November 1887. Made over charge of No. 23 Party (Astronomical II), 13th July 1888 afternoon; Officiating Assistant Surveyor-General in charge, Mathematical Instrument Office, and Surveyor-General's Office, from 23rd July to 8th October 1888. Appointed Officiating Deputy Surveyor-General and assumed charge of the Trigonometrical Branch on the afternoon of the 14th November 1888.

* *Vide* G. G. O. No. 605, dated 26th September 1869,—*vide* General Report, 1860 to 1865, page 36, para. 160.

COLONEL DONALD MACDONALD, *Bengal Staff Corps, Deputy Superintendent, 1st Grade.*—Date of first commission as Ensign in Bengal Infantry, 20th October 1853; landed in India, 1st December 1853; posted to 25th Regiment, Native Infantry; served with the 25th Native Infantry, 1 year at Allahabad and 4½ years in Burma, during which period he officiated as Quarter-Master and was appointed Adjutant; promoted to Lieutenant, 18th January 1856; proceeded to Europe on medical certificate from 20th May 1859 to 12th August 1860; joined the Survey Department, 19th December 1860; served as Assistant Revenue Surveyor in the Dinagepur District, and afterwards in Manbhoom; Captain, 1st January 1862; received charge of a Survey Party in 1863; entered Staff Corps, 13th August 1864; promoted Revenue Surveyor, 1st January 1865; promoted Deputy Superintendent, 3rd grade, 1st April 1866; superintended the survey of Manbhoom from 1863 to 1866; took this party up to Lakhimpur in Assam, and started the survey there; transferred in March 1867 to Sind, and superintended the survey of District Shahbunder and portion of Thar Parkar, and Hyderabad; transferred with this party to Kurnal in 1870; promoted to Officiating Deputy Superintendent, 2nd grade, 12th March 1871; furlough on private affairs from 18th January 1872 to 14th January 1874; Major, 20th October 1873; on return took charge of the Goalpara Survey till 1875, when that party was broken up; transferred to charge of North Deccan Survey at Poona; again transferred in 1877 to charge of Sirsa Survey; promoted Deputy Superintendent, 2nd grade, 1st January 1878; Lieutenant-Colonel, 20th October 1879; on breaking up of that party in 1879 was posted to charge of North-West Frontier Survey, which he held from 1879 to 1884; surveyed portions of Dehra Ismail Khan, Rawalpindi, Mozaffargurh and Hissar Districts; Colonel, 20th October 1883; furlough on private affairs from 7th March 1884 to 23rd February 1886; on return from furlough was posted to Head-quarters Office in Calcutta as Officiating Assistant Surveyor-General, in charge of Mathematical Instrument Office, and Surveyor-General's Office; Officiating Deputy Superintendent, 1st grade, 9th March 1886; confirmed, 1st January 1887; confirmed as Assistant Surveyor-General, 26th September 1887. Assumed charge of No. 1 Party (Punjab) on the 16th January 1889.

LIEUTENANT-COLONEL CHARLES STRAHAN, *Royal Engineers (Bengal), Officiating Deputy Surveyor-General, in charge Revenue Branch.*—Date of first commission, 8th June 1860; landed at Calcutta, October 1862; appointed to Survey Department as Military 2nd Assistant, and attached to No. 1 Party, 26th September 1863; took charge of reconnoitring party in Bhutan under General Tytler in October 1865; promoted to Assistant Surveyor, 1st grade, 1st April 1866; rejoined No. 1 Party, 16th July 1866; promoted to Surveyor, 3rd grade, 1st December 1867; furlough to Europe from 2nd December 1871 to 27th October 1873; promoted to Captain, 20th August 1872; Officiating Deputy Superintendent, 2nd grade, from 4th January to 31st March 1874, from 1st February to 4th October 1878, from 27th October 1878 to 21st April 1879, and

from 1st November 1879 to 13th March 1880; furlough to Europe from 27th March to 10th October 1880; Officiating Deputy Superintendent, 2nd grade, from 18th October 1880 to 9th January 1884; promoted to Brevet-Major, 2nd March 1881; to Major, 1st July 1881; officiated as Assistant Surveyor-General, in charge Cartographic and Engraving Offices, from 21th July 1883; promoted to Deputy Superintendent, 2nd grade, 10th January 1884; confirmed as Assistant Surveyor-General, 23rd May 1884; Officiating Deputy Superintendent, 1st grade, from 3rd December 1884 to 12th November 1885; furlough to Europe from 4th May 1886 to 23rd October 1887; resumed charge of his office as Assistant Surveyor-General in charge, Drawing and Engraving Offices, Calcutta, 24th October 1887. Officiating Deputy Superintendent, 1st grade, from 1st November 1888 to 25th April 1889. Confirmed 26th April 1889, promoted to Lieutenant-Colonel, 1st July 1888; Officiating Deputy Surveyor-General, in charge Revenue Branch, from 11th April 1889.

War Services.—Served with the Bhutan Field Force, in charge of reconnoitring party, under General Tytler, from October 1865 to 16th July 1866—medal and clasp; served with the Peshawur Field Force in Afghanistan, under Sir Samuel Brown, from March 1879 to end of first campaign in June 1879—medal—Brevet of Major.

COLONEL WILLIAM BARRON, *Bengal Staff Corps, Deputy Superintendent, 2nd Grade.*—Received a commission in the Bengal Artillery as 2nd Lieutenant on 11th December 1858; arrived in the country, 4th February 1859; did duty with the Bengal Artillery at Meerut and Peshawur till end of March 1860; did duty with the Peshawur Mountain Train Battery during April and May 1860; rejoined the Artillery Division at Peshawur, June 1860, and continued there till appointed to the Peshawur Mountain Train Battery on 22nd August 1861; served with it at Murdan and Abbottabad till 3rd July 1862; appointed Assistant Revenue Surveyor in the Revenue Survey, 27th June 1862, and joined on 4th July 1862; joined the Bengal Staff Corps, 4th July 1862; Assistant Superintendent, 1st grade, 27th June 1866; surveyed in the Delhi, Peshawur, and Hazara Districts till 15th December 1866; held charge of the North-West Frontier Survey from 12th October to 15th December 1866; took charge of the 2nd Division, Lower Provinces, at Dibrugarh, Assam, on 1st February 1867; Officiating Deputy Superintendent, 3rd grade, 6th November 1868; continued surveying in the Lakhimpur District till 8th December 1869; leave on medical certificate to Europe from 6th January 1870 to 3rd April 1871; promoted to Captain, 11th December 1870; appointed Deputy Superintendent of Survey, 3rd grade, on 1st April 1870; on return from furlough took charge of the North-West Frontier Revenue Survey on 17th April 1871; surveyed in the Dera Ghazi Khan District till 15th October 1873; transferred to the 4th Division, Revenue Survey, and took charge on the 13th November 1873; continued in charge till the 31st October 1883, during which time surveyed districts Budaun (on scale of 4″=1 mile), Moradabad, Ghazipur, Ballia, and part of Benares (cadastrally on scale of 16″=1 mile); promoted to Major, 11th December 1878; Officiating Deputy Superintendent, 2nd grade, from 27th November 1881 to 2nd December 1881, again from 7th November 1882 to 8th January 1883, and from 12th February 1883 up to 31st October 1883; furlough, private affairs, for 2 years, from 9th November 1883; confirmed as Deputy Superintendent, 2nd grade, 7th August 1884; promoted to Lieutenant-Colonel, 11th December 1884; returned from furlough and received charge of No. 8, Revenue Party, Mozufferpore, subsequently called Bengal and Orissa Cadastral Survey, 16th November 1885. On deputation to Government Straits Settlement from afternoon of 14th May 1887. Resumed charge of No. 8 Party (Bengal and Orissa), 30th August 1887; Officiating Deputy Superintendent, 1st grade, from 15th November 1888; Colonel, 11th December 1888. Furlough on private affairs for 1 year and 275 days, from 20th February 1889.

Favourably mentioned in Despatch No. 7, dated India Office, London, 5th May 1870, from the Right Honourable the Secretary of State for India, to His Excellency the Right Honourable the Governor General of India in Council, for his work in the Lakhimpur District.

Received the thanks of the Government of India for compiling a "Hand-book of Instructions for Cadastral Survey Parties employed in the combined operations of Survey and Settlement in the North-Western Provinces."—Letter No. 213 S., dated Simla, 11th June 1884, from the Under-Secretary to the Government of India (Revenue and Agricultural Department), to the Surveyor-General of India.

War Services.—Served with the Peshawur Mountain Train Battery in the Mahsud Waziri Expedition during April and May 1860, and the forcing of the Burrara Pass; served as Assistant Surveyor with the Umbeyla Expedition, October 1863; severely wounded in the action at the Eagle's Nest Picket on 26th October 1863—wound pension for life—medal with North-West Frontier and Umbeyla clasps.

COLONEL H. C. B. TANNER, *Bombay Staff Corps, Officiating Deputy Superintendent, 1st Grade.*—Obtained his commission in the Bombay Artillery from the Honourable East India Company's

Military College at Addiscombe on the 8th June 1854; joined the Survey Department from the E Brigade, Royal Horse Artillery, as Assistant in the Sind Revenue Survey on 10th October 1862; transferred with the Sind Party to Chanda, Central Provinces; the party became the 4th Division, Central Provinces Revenue Survey, in February 1865; sick leave from 18th February to 13th March 1866; furlough to Europe from 14th March 1866 to 11th May 1867; after rejoining from furlough, on duty in the Head-quarters Office, Calcutta, from 11th May to 23rd June 1867; assumed charge of the 3rd Division, Central Provinces Revenue Survey, at Saugor, 24th June 1867; transferred with the party to the Nimar District in November 1867; Officiating Deputy Superintendent, 3rd grade, 6th November 1868; promoted to Deputy Superintendent, 3rd grade, 1st April 1870; assumed charge of the Bombay City Survey in addition to his other duties, December 1869; transferred with the 3rd Division, Central Provinces Survey, to Bhawalpur; designation of party changed to 1st Division, Bhawalpur Revenue Survey, November 1870; transferred to the Topographical Party, which accompanied Sir Charles Brownlow's column to the Lushai Hills, from 1st November 1871 to 30th April 1872; on return from the Lushai Expedition transferred to charge of 4th Division, Central Provinces, 29th August 1872; designation of party altered to 11th Deccan Topographical Party, 1st October 1872; promoted to Major, 8th June 1874; furlough on private affairs on 25th August 1876; rejoined 11th Division, Deccan Survey, on expiration of furlough, 28th April 1877; ordered to join the Khyber column, under Lieutenant-General Sir Samuel Brown, as Surveyor, November 1878; joined the Great Trigonometrical Survey Office at Mussooree on completion of Afghanistan campaign in June 1879; on special duty to Gilgit from July 1879 to 18th April 1882; promoted to Lieutenant-Colonel, 22nd November 1879; furlough for 6 months, 19th April 1882; assumed charge of Darjeeling and Nepal Boundary Parties, 1st November 1882; Officiating Deputy Superintendent, 2nd grade, from 7th November to 31st December 1882, and from 14th March 1883 to 30th September 1884; promoted to Colonel, 8th June 1884; and to Deputy Superintendent, 2nd grade, 1st October 1884; services placed under the disposal of the Foreign Department for employment with the Tibet Mission from May 1886. Rejoined the Department, 18th August 1886, and assumed charge of the Himalaya Party on the 19th idem. Officiating Deputy Superintendent, 1st grade, from 20th February 1889.

War Services.—Accompanied the Persian Expeditionary Force of 1856 as Subaltern in No. 5 Light Field Battery, and was present at the landing at Halila Bay, the taking of Reshire and Bushire and the battle of Kushat—medal and clasp—accompanied a force despatched after the rebels from Kurrachee to Nugger Parker in May 1859; accompanied Sir Charles Brownlow's column during the Lushai Expedition in November 1871 as Surveyor—clasp—mentioned in despatches, and received the thanks of the Government of India; accompanied Sir Samuel Brown's column, 1st Division, Peshawur Valley Field Force, as Surveyor, from the commencement to the termination of hostilities in 1878-79.

COLONEL AYRTON PULLAN, *Bengal Staff Corps, Deputy Superintendent, 2nd Grade.*—Appointed a Cadet of Infantry, February 1856; landed in India, 29th April 1856; date of first commission as Ensign, 14th June 1856; Lieutenant, 26th December 1856, Officiating Quarter-Master, 4th Sikh Infantry, July 1857; sick leave from Delhi Field Force, 12th September to 30th November 1857; appointed Adjutant, Berry's Sikhs, November 1857; Adjutant, Gorukpur Military Police, January 1858; Adjutant, Benares Horse, January 1859; appointed to the Staff Corps, 18th February 1861; attached to Her Majesty's 8th Hussars, November 1861; Doing Duty Officer, 14th Bengal Cavalry, January 1862; officiated as Assistant Political Agent and Bazar Master, Morar, from April to June 1862; Doing Duty Officer, 8th Bengal Cavalry, June 1862; appointed 2nd Assistant, Great Trigonometrical Survey, 18th January 1863; promoted to 1st Assistant (designation changed to Assistant Surveyor, 1st grade), 1st October 1866; promoted to Captain, 14th June 1868; furlough to Europe for two years, 31st December 1869; Assistant Superintendent, 1st grade, and Officiating Deputy Superintendent, 3rd grade, Great Trigonometrical Survey, 11th December 1871; appointed to the charge of the Kathiawar Survey, 6th April 1873; promoted to Major, 14th June 1876; confirmed Deputy Superintendent, 3rd grade, 1st January 1878; furlough to Europe for one year from 13th May 1878; returned to duty, 19th April 1879; resumed charge of Kathiawar Survey, 26th April 1879, on completion of which in 1879-80 commenced the survey of Cutch; promoted to Lieutenant-Colonel, 14th June 1882; officiated as Deputy Superintendent, 2nd grade, from 1st November 1883; confirmed, 28th November 1884; employed on Cutch Survey until its completion in 1886; promoted to Colonel, 14th June 1886; assumed charge of Gujarat Survey on 30th October 1886.

War Services.—Served as Orderly Officer to Brigadier Johnstone on the march from Jullundur to Delhi, June 1857; served with the 4th Sikh Infantry throughout the siege of Delhi—severely

wounded—medal and clasp—also mentioned in despatches three times during the Indian rebellion, and received the thanks of Sir C. Wingfield, Chief Commissioner of Oudh, for the defence of the town of Bansee when attacked by an insurgent force, July 1858 (horse wounded).

COLONEL WILLIAM HENRY WILKINS, *Bengal Staff Corps, Deputy Superintendent, 2nd Grade.*—Joined the Bengal Artillery, 12th December 1857; arrived in the country, 28th January 1858; promoted to 1st Lieutenant, 27th August 1858; joined Thomason College, Roorkee, 12th March 1861; obtained 1st class certificate, &c., 27th August 1862; privilege leave until 1st November 1862, on which date received general leave in India for three months, afterwards extended to six months; commanded the garrison battery in Agra Fort (the 20 days' leave not expended was never cancelled), 11th April 1863; joined the Fyzabad Revenue Survey as Assistant on probation, 27th April 1863; confirmed as Assistant Revenue Surveyor, and appointed to Staff Corps from 11th May 1864; joined 1st Division, Central Provinces Revenue Survey, 13th November 1864; promoted to Assistant Superintendent, 1st grade, 27th April 1867; Captain, 12th December 1869; Assistant Superintendent, in charge of 1st Division, Central Provinces Survey, 3rd August 1870 to 16th December 1870; joined the 2nd Division, Punjab Revenue Survey, 1st July 1871; Officiating Deputy Superintendent, 3rd grade, 13th May 1871 to 24th September 1871; received charge of 2nd Division, Punjab Revenue Survey, 20th October 1871; Officiating Deputy Superintendent, 3rd grade, from 18th January 1872 to 3rd March 1872, and from 28th March 1872 to 18th March 1877; received charge of Midnapur Revenue Survey, 1st December 1876; received charge of Dearah Survey, 7th December 1877; Major, 12th December 1877; confirmed as Deputy Superintendent, 3rd grade, 27th October 1878; received charge of Bassein District (British Burma) Cadastral Survey on 25th November 1881; received personal allowance of R100 from 15th February 1883 until promotion to Deputy Superintendent, 2nd grade; on furlough to Europe from 8th June 1883; promoted to Lieutenant-Colonel, 12th December 1883; returned from furlough and attached to Head-quarters, Calcutta, from 14th March 1884; Officiating Deputy Superintendent, 2nd grade, from 7th August 1884; confirmed 1st January 1887. Transferred to charge of Raipur District Traverse Survey, and superintending Detached Party working in District Sambalpur from 4th November 1885. Colonel, 12th December 1887.

War Services.—Served with the Cawnpur Field Force during February and March 1858.

LIEUTENANT-COLONEL J. E. SANDEMAN, *Bengal Staff Corps, Deputy Superintendent, 2nd Grade.*—Joined the Royal Military College at Addiscombe in 1860; obtained a commission as Ensign in the Bengal Infantry on the 7th June 1861; arrived in India in October 1861; was attached for duty to Her Majesty's 90th Light Infantry; promoted to Lieutenant, 19th May 1862; 10th October 1862 passed the P. H. examination in Hindustani; had leave in India, private affairs, 15th December 1862 to 12th February 1863; by G. O. C. C., dated 23rd March 1863, was permitted to study at the Civil Engineering College at Roorkee; in September 1864 passed the College final examination, and obtained certificate qualifying for employment as an Engineer in the Department of Public Works; was appointed to the Survey Department, and joined appointment at Nagpur on the 6th October 1864; from 17th February 1866 was transferred to 2nd Division, Oudh Survey, and from 13th November 1866 to North-Western Frontier Survey Party in the Punjab; joined the Staff Corps on the 9th May 1867; served in the Punjab till 1870; furlough to England from 14th March 1870 to 16th February 1872; rejoined his appointment at Nagpur as Assistant Superintendent of Survey on 21st February 1872; held charge of the 2nd Division, Central Provinces Revenue Survey, from 19th June to 10th August 1872; from 1st October 1872 was transferred to the Moradabad Cadastral Survey; in March 1873 was transferred to Bengal, and took over charge of the Midnapur Survey from 21st March 1873; promoted to Captain, 7th June 1873; made over charge of the Midnapur Survey in December 1873, and proceeded to join the Goalpara Survey in Assam; in October 1874 was appointed to the Behar Irrigation Survey as Assistant Superintendent; from 1st October 1875 obtained charge of the Darjeeling Waste Lands Survey, which after two months was converted into Dhanwar Estate Survey; with this party surveyed cadastrally the Dhanwar Estate in Hazaribagh, a portion of the Chota Nagpur Estate in Lohardugga, and the Government Estate of Barkagarh in Lohardugga; from the 1st December 1878 assumed charge of the British Burma Cadastral Survey; Officiating Deputy Superintendent, 3rd grade, from 15th May to 4th November 1876, and from 14th July 1877; confirmed, 1st January 1879; promoted to rank of Major, 7th June 1881; furlough to Europe from 9th August 1881 to 30th October 1882; appointed to do duty in the Head-quarters Office, Calcutta, from 4th November 1882; received personal allowance of R100 until promotion to Deputy Superintendent, 2nd grade, 15th February 1883; assumed charge of Mirzapur and Gorakhpur Districts Cadastral Survey, North-Western Provinces, from 1st November 1883; Officiating Deputy Superintendent, 2nd grade, from 24th September 1884; confirmed, 19th

February 1887; promoted to Lieutenant-Colonel, 7th June 1887; overstayed privilege leave by three days in October 1887.

War Services.—Served with the Black Mountain Expedition in Hazara under Major-General Alfred Wilde, from 15th August to 31st October 1868; was present at the advance from Munna Kaduna, and the taking of the Machai Peak; assisted in surveying the route taken by the force, and the surrounding country, under the direction of Colonel H. C. Johnstone, and compiled a map of the same—received the Frontier medal.

BREVET LIEUTENANT-COLONEL T. H. HOLDICH, *Royal Engineers, Deputy Superintendent 2nd Grade.*—Commissioned Lieutenant, R.E., 17th December 1862; arrived in India, 3rd March 1865; appointed Assistant to Officer in charge, Field Survey Operations in Bhutan, October 1865; appointed Assistant Superintendent, 2nd grade, Topographical Survey of India, 23rd July 1866, and attached to the Rajputana Party; assisted to make the first surveys of the Sambhur Lake District; attached to special party for service in Abyssinia, December 1867; proceeded to England on special duty from Abyssinia, June 1868; Assistant Superintendent, 1st grade, 15th December 1868; returned to India on 4th May 1869, and joined Gwalior and Central India Topographical Survey; acted in charge of the party from 1871 to 1873; Officiating Deputy Superintendent, 3rd grade, from 11th August to 3rd November 1873, and again from 15th December 1873 to 14th May 1877; appointed to charge of Vizagapatam Agency and Central Provinces Survey on 15th December 1873; completed the survey of districts east of the Godavari river, including part of Bustar and Gondwana; Captain, 4th June 1876; furlough to England for 2 years when the party was broken up, 14th May 1877; recalled for service with Southern Afghanistan Field Force in December 1878; Officiating Deputy Superintendent, 3rd grade, from 15th January to 13th June 1879, and from 1st November 1879 to 28th April 1883; Brevet-Major, 2nd March 1881; special leave to England for 3 months, from 1st November 1880; assumed charge of the Kohat District Topographical Survey on 15th February 1881; Deputy Superintendent, 4th grade (new), 1st July 1882; Deputy Superintendent, 3rd grade, 29th April 1883; completed survey of Kohat District in April 1883, having carried out the following trans-frontier explorations and surveys whilst in charge of the party—survey of the unmapped portions of the Adamkhel Afridi country—exploration of passes leading from Meranzai valley into the Urakzai Hills—survey of Kaffir-Kot at all passes from Bannu, crossing the frontier to north and west, completing the frontier survey to Bannu—exploration of route from Bannu to Ghazni, including survey of Darwar, Birmal, and country west of Waziristan—survey of Gomal river and contiguous passes to junction of Zhob and Gomal—survey of Takht-i-Suliman mountain and passes north of it, including the Sherani country—exploration of Eastern Afghanistan to Lake Abistada—survey of the Vehowa basin and routes across the Suliman range, thus completing the frontier survey as far south as Vehowa; appointed to charge of Baluchistan frontier party in October 1883; furlough to Europe for 1 year from 8th March 1884; recalled for service with the Zhob valley expedition in July 1884; transferred to charge of Afghan Boundary Survey in September 1884; Officiating Deputy Superintendent, 2nd grade, from 3rd December 1884 to 6th November 1885, and from 21st April to 19th November 1886; returned to India, 1st November 1886; on duty at India Office for writing Afghan Boundary Commission Report for 4 months, from 25th November 1886. Availed himself of the unexpired portion of furlough from 25th March 1887. Extension on medical certificate, from 10th November 1887 to 14th April 1888. Brevet Lieutenant-Colonel, 16th February 1887; posted to the charge of Drawing Office, Trigonometrical Branch, on 14th April 1888; Officiating Deputy Superintendent, 2nd grade, from 17th July 1888; confirmed, 26th March 1889. Was in charge of No. 16 Party (Baluchistan II) from 18th to 30th September 1888, after which date the party was disbanded. In charge No. 15 Party (Baluchistan) from 3rd November 1888, in addition to his other duties. Relieved of charge of Drawing Section, Dehra Dun, 17th April 1889.

War Services.—Served on special duty during the Bhutan campaign from October 1865 to close of campaign; present with the Buxa column to its farthest advance, and subsequently with the Dewangiri column; despatches not published—frontier medal and clasp for Bhutan; served on special survey duty during the Abyssinian campaign from December 1867 to close of campaign; mentioned in despatches, and services commended by Secretary of State for War—medal. Served on special survey duty during the first period of the Afghan campaign in Southern Afghanistan; completed the Topographical survey of the Kadanai valley and the route from Pishin to India *viâ* Thal-Chotiali; mentioned in despatches; services commended by Governor General in Council and Secretary of State for India; appointed to charge of survey operations in Northern Afghanistan during second period of campaign; present at Kabul during the winter of 1879-80; siege and defence of Sherpur; appointed Assistant Field Engineer during the defence; mentioned in despatches; present during the occupation of the Lughman Valley Expeditions to Kohistan, Logar, Wardak, &c.,—medal with clasp for Kabul; services commended by

Governor General in Council and Secretary of State for India; Brevet-Major, March 1881; served in charge of survey operations during the Waziri expedition of 1881; present during skirmish when survey party was attacked on Shaidar mountain; mentioned in despatches; Takht-i-Suliman survey expedition, December 1883; led the flanking party up the mountain by night, which dispersed the Kedarzais who held the summit.

Literary Work.—Contributed to the records of the Royal Geographical Society and the Encyclopædia Britannica on the subject of the geography of Afghanistan and the Indian frontier; contributed also occasional papers to the journal of the Royal United Service Institute, of which the principal was a paper read in 1878, advocating instruction in Indian and continental methods of topography at the military schools of England; instruction in the use of the plane table being now universal: this paper may possibly claim to have been useful towards its introduction. Lectures on Geographical Surveying at Royal Engineers' Institute, Chatham, in February 1888. Received the Gold Medal of the Royal Geographical Society for Afghan Boundary Commission Surveys in May 1887.

Colonel James Waterhouse, *Bengal Staff Corps, Deputy Superintendent, 2nd Grade, and Assistant Surveyor-General.*—Joined the service as 2nd Lieutenant, Bengal Artillery, 10th June 1859; arrived in the country, 11th October 1859; services placed temporarily at the disposal of the Foreign Department for special duty, 15th November 1861; left regimental duty, 16th January 1862; returned to regimental duty, 21st December 1862; appointed Officiating Commissary of Ordnance, 3rd class, 13th April 1866; services placed at the disposal of the Government of Bengal, 5th June 1866; appointed Assistant Revenue Surveyor, Lower Provinces, 27th June 1866; services placed at the disposal of the Government of India, Home Department, 7th July 1866; appointed Assistant Surveyor with superintendence of the photo-zincographic operations in the Office of the Surveyor General of India, 18th July 1866; joined the Survey Department, 22nd July 1866; leave on medical certificate to Europe, 25th March 1867 to 17th February 1869; re-appointed Assistant Surveyor, 2nd grade, 17th February 1869; gazetted Lieutenant in Bengal Staff Corps, 9th October 1869; promoted to 1st grade Assistant Superintendent of Survey from 17th June 1870; promoted to Captain, Staff Corps, 10th June 1871; attached to Colonel Tennant, R.E., for duty with the Indian Eclipse Expedition from 21st November 1871 to 8th January 1872; attached to Colonel Tennant, R.E., for duty in observing the Transit of Venus from 10th October 1874 to 1st January 1875; in charge, Indian Eclipse Expedition to Nicobar Islands from 11th March to 18th April 1875; Officiating Deputy Superintendent of Survey, 3rd grade, from 26th March 1875; reverted to Assistant Superintendent, 1st grade, 19th September 1876; Officiating Deputy Superintendent of Survey, 3rd grade, from 23rd November 1877; reverted to Assistant Superintendent, 1st grade, 7th January 1878; Officiating Deputy Superintendent, 3rd grade, from 1st February 1878; on special duty in Europe from 10th October 1878 to 8th November 1878; Officiating Deputy Superintendent, 3rd grade, from 9th November 1878 to 6th May 1879, and from 1st November to 11th December 1879; furlough to Europe on private affairs from 12th December 1879; resumed charge of the Photographic Office, Calcutta, 26th December 1881; Officiating Deputy Superintendent, 3rd grade, from 26th December 1881; promoted to Deputy Superintendent (new), 4th grade, 1st July 1882; continued to officiate as Deputy Superintendent, 3rd grade; confirmed 10th January 1884; Officiating Deputy Superintendent, 2nd grade, from 3rd December 1884 up to 6th November 1885; promoted to the rank of Lieutenant-Colonel, 10th June 1885; furlough to Europe for 250 days from 21st March 1886; extension for 18 days; returned from furlough, 14th December 1886; resumed charge of the Photographic and Lithographic Offices, Calcutta, 17th December 1886 Officiating Deputy Superintendent, 2nd grade, from 1st January 1887 up to 23rd October 1887, and again from 1st September 1888 to 25th April 1889. Confirmed 26th April 1889. Promoted to Colonel, 10th June 1889.

Literary Works.—Wrote a report on the Cartographic Applications of Photography as used in the Topographical Departments of the Principal States in Central Europe, containing notes on the European and Indian Surveys, and on the application of Photography to surveying—published by the Superintendent, Government Printing, Calcutta, 1870; also a pamphlet on "The Application of Photography to the Reproduction of Maps and Plans by Photo-mechanical and other Processes," originally submitted to the Geographical Congress at Paris in 1875, but published, *in extenso*, in the Journal of the Asiatic Society of Bengal, Part II, No. 2, 1878; also papers relating to Surveys in Afghanistan, Tidal Surveys, Spectroscopic Photography and Photo-mechanical Printing in Asiatic Society's Journal, and a series of papers on Photozincography published in the Photographic News, 1881 to 1884.

Lieutenant-Colonel Malcolm W. Rogers, *Royal Engineers, Deputy Superintendent, 2nd Grade, and Assistant Surveyor-General.*—Joined the service as a Gentleman Cadet in February 1860; appointed Lieutenant in the Royal Engineers, 18th December 1861; served

as Division Officer, Cork, Ireland, from 1864 to 1865; landed in India, 20th October 1865; served with the Bengal Sappers and Miners until 4th July 1866; appointed Assistant Surveyor, 2nd grade, Great Trigonometrical Survey of India, on 5th July 1866; promoted to Assistant Surveyor, 1st grade, 5th December 1868; Officiating Deputy Superintendent, 3rd grade, from 18th December 1870; reverted to Assistant Superintendent, 1st grade, 1st November 1872; Officiating Deputy Superintendent, 3rd grade, from 6th April 1873; furlough on private affairs from 1st November 1873; Captain, 11th December 1873; returned to India and appointed Officiating Deputy Superintendent, 3rd grade, 28th October 1874; reverted to Assistant Superintendent, 1st grade, from 1st January 1878; Officiating Deputy Superintendent, 3rd grade, from 15th February 1878; reverted to Assistant Superintendent, 1st grade, 26th April 1879; Officiating Deputy Superintendent, 3rd grade, 12th December 1879; furlough to Europe for 1 year and 4 days, 1st May 1880; returned from furlough, 15th June 1881; Officiating Deputy Superintendent, 3rd grade, 15th June 1881; promoted to rank of Brevet-Major, 2nd March 1881; to Major, 18th December 1881; and to Deputy Superintendent (new), 4th grade, 1st July 1882, continuing to officiate as Deputy Superintendent, 3rd grade; officiated as Assistant Surveyor-General in charge Mathematical Instrument Office and Correspondence Office, Headquarters, Calcutta, from 19th April 1883; confirmed, 23rd May 1884; confirmed as Deputy Superintendent, 3rd grade, 7th August 1884; furlough to Europe for 1 year and 185 days from 21st March 1886. Returned from furlough on the 18th September 1887 and posted on duty in the Trigonometrical Branch Office at Dehra Dun on the 26th September 1887. In charge computing party from 6th January to 9th April 1888. Posted to No. 25 Party (Tidal and Levelling) from 10th April, and assumed charge thereof on 16th May 1888; Officiating Deputy Superintendent, 2nd grade, from 1st November 1888 to 27th June 1889; confirmed 28th June 1889; promoted to half-pay Lieutenant-Colonel on 18th December 1888. Appointed Assistant Surveyor-General in charge Surveyor-General's Office and Mathematical Instrument Office from 7th May 1889.

War Services.—Served as Survey Officer with the 1st Division of the Quetta Field Force under Lieutenant-General D. Stewart, C.B, from 12th November 1878 to November 1879—mentioned in despatches—medal—Brevet of Major.

MAJOR J. HILL, *Royal Engineers, Deputy Superintendent, 3rd Grade.*—Obtained his commission as Lieutenant in the Royal Engineers; joined at Chatham on the 25th June 1862, and after serving at the S. M. E., Chatham, and on the Plymouth Defences, arrived in India on the 10th December 1865; joined Bengal Sappers and Miners at Roorkee, 27th January 1866; appointed Assistant Surveyor (then designation for Assistant Superintendent), 2nd grade, Great Trigonometrical Survey of India, 4th December 1866; posted to Kumaon and Garhwal Series, Great Trigonometrical Survey, 28th December 1866; sick leave to Europe from 11th November 1868 to 30th October 1869; promoted to Assistant Superintendent, 1st grade, Great Trigonometrical Survey, 30th October 1870; assumed charge of the Kumaon and Garhwal Series, 11th February 1871; Officiating Deputy Superintendent, 3rd grade, 1st April 1871; reverted to substantive appointment of Assistant Superintendent, 1st grade, 4th April 1872; Officiating Deputy Superintendent, 3rd grade, 23rd August 1873; relieved of charge of Kumaon and Garhwal Series, 1st October 1873; assumed charge of Bombay Party, 28th October 1874; Local Captain, 25th June 1874; reverted to substantive appointment of Assistant Superintendent, 1st grade, 28th October 1874; relieved of charge of Bombay Party, 19th October 1879; furlough to Europe from 20th January 1875 to 27th January 1877; promoted to Captain, 16th September 1875; rejoined appointment in India, 28th January 1877; assumed charge of the Eastern Frontier Series, 17th March 1877; Officiating Deputy Superintendent, 3rd grade, 1st April 1878; reverted to substantive appointment of Assistant Superintendent, 1st grade, 22nd April 1879; furlough to Europe for 182 days, 26th May 1879; returned from furlough and resumed charge of Eastern Frontier Series, 25th December 1879; Officiating Deputy Superintendent, 3rd grade, from 9th April 1880; promoted to Major, 25th June 1882; Deputy Superintendent, 4th grade, 1st July 1882; continued to officiate as Deputy Superintendent, 3rd grade, up to 8th January 1883, and again officiated in the same grade from 12th February 1883 up to 30th September 1884; assumed charge of Tidal and Levelling Party, 4th April 1884; attached to Afghan Boundary Commission, 1st September 1884; promoted to Deputy Superintendent, 3rd grade, 1st October 1884; assumed charge of Konkan Topographical Survey Party, 2nd October 1884; temporarily transferred to the charge of the Tidal and Levelling Party, 6th July 1885; resumed charge of South Mahratta Topographical Survey Party, 23rd October 1885; re-transferred to Tidal and Levelling Party, 29th December 1885, and assumed charge thereof, 20th January 1886; Officiating Deputy Superintendent, 2nd grade, from 22nd April to 31st October 1886, and from 20th November to 8th December 1886, and again from 15th May 1887 up to 29th August 1887. Furlough to Europe for 1 year and 5 months, from 18th May 1888.

WILLIAM HAMMOND COLE, M A., CANTAB., F.R.A.S., F.R.G.S., *Officiating Deputy Superintendent, 2nd Grade.*—Appointed to the Educational Department, North-Western Provinces, direct from England, 14th April 1862, as Professor of Mathematics at the Government College, Agra; sick leave from 9th September to 8th November 1863; permitted to resign appointment from 1st March 1864 on account of continued ill-health; after nearly three years' residence at Mussooree as Mathematical Master at Mr. Maddock's School was re-appointed to the Government service, 3rd January 1867, as Probationary Assistant Surveyor in the Great Trigonometrical Survey of India, and Assistant to the Officer in charge of the Computing Office, being at the same time placed in charge of the Photozincographic Branch of the Computing Office, Dehra; appointed Assistant Surveyor, 2nd grade, on 1st September 1867; conducted the duties of the Computing Office in all its branches from middle of December 1867 to beginning of April 1868, during the absence of Mr. J. B. N. Hennessey, M.A.; designation changed to Assistant Superintendent of Survey, 1st September 1869; promoted to 1st grade, 4th December 1870; officiated as Deputy Superintendent, 3rd grade, from 1st April 1871 to 16th December 1871; officiated again in this grade from 2nd November 1873 to 30th September 1874; officiated again as Deputy Superintendent, 3rd grade, and held charge of the Computing Office from 4th January 1875 to 27th March 1876; furlough on private affairs from 27th March 1876 to 21st March 1877; on amalgamation and reduction of the three branches of the Survey Department on the 1st January 1878, reverted to the 2nd grade of Assistant Superintendent, officiating in 1st grade; again promoted to 1st grade, 27th October 1878; officiated as Deputy Superintendent, 3rd grade, from 14th December 1880 to 14th June 1881, and again from 24th April to 14th May 1882; promoted to Deputy Superintendent, 4th grade, 1st July 1882; officiated as Deputy Superintendent, 3rd grade, from 7th November to 5th December 1882, and again from 20th April 1883 to 27th November 1884; officiating in charge Head-quarters Office, Debra Dun, and Survey Detachment in Kashmir, 12th February 1883; confirmed with effect from 12th January 1884; promoted to Deputy Superintendent, 3rd grade, 28th November 1884. Charge of Coast Party from 1st July to 1st August 1887 in addition to his other duties. Furlough to Europe from 12th January 1888 to 16th February 1889. Rejoined Trigonometrical Branch Office and assumed charge of the Computing Party, 23rd February 1889. Officiating Deputy Superintendent, 2nd grade, from the same date. In charge of the Drawing Section from 11th March to 8th April 1889.

Literary Works.—Took part in the compilation of Volumes I to IV, IVA, and VI to VIII of the "Account of the Operations of the Great Trigonometrical Survey of India," to which he contributed several Mathematical and Scientific papers in the form of Appendices, also in the compilation of the 21 Volumes of "Synopsis of the Results of the Operations of the Great Trigonometrical Survey of India;" translated from the German, "Hansen's Treatise on the Method of Minimum Squares generally and in its Application to Geodesy," in connection with the final reduction of the triangulation of India by this method; also made several other translations of a minor character in connection with his official work.

LIEUTENANT-COLONEL ANDREW WILSON BAIRD, F.R.S., A.I.C.E., F.R.G.S., *Royal Engineers Deputy Superintendent, 3rd Grade.*—Joined the service, 18th December 1861, as Lieutenant, R.E.; arrived in India, 4th March 1863; served with the Bombay Sappers and Miners from 2nd April till 4th May 1864, when he was appointed to Bombay Public Works Department as Probationary Assistant Engineer; Assistant Engineer, 2nd grade, 28th March 1865; promoted to 1st grade, 1st April 1865; employed up to December 1865 in the Harbour Defences of Bombay, and held charge of the works at Ponpir and the construction of the Middle Ground and Oyster Rock batteries; appointed Special Assistant for Reclamations, 7th December 1865; constructed the Workshops and Boat Basins, and erected all the machinery for the Government Reclamation Works at Mody Bay; promoted to Executive Engineer, 4th grade, 2nd October 1867; appointed Assistant Field Engineer with the Abyssinian expedition, 30th January 1868; returned from Abyssinia, July 1868; continued under Military Department till November 1868, to arrange for the disposal of the Railway stores and Engineer stores and plant, sent back from Abyssinia; appointed to the Trigonometrical Survey of India as Assistant Surveyor (corresponding to present Assistant Superintendent), 2nd grade, 4th December 1868; employed on Triangulation in the Kathiawar and Gujarat Parties, 1868 to 1870; furlough to England for 1 year and 7 months on medical certificate, 14th May 1870; in July 1871, while on furlough, was specially employed by order of the Secretary of State to study the practical details of Tidal Observations, and their Reductions by Harmonic Analysis, as carried on under the superintendence of Sir William Thomson; promoted Assistant Superintendent, 1st grade, October 1871; on return to India in April 1872 did duty with the Kathiawar Party; in November 1873 organized the Bombay Tidal and Levelling Party; employed until March 1874 in carrying out a reconnaissance of the Gulf of Cutch and in selecting sites for the three Tidal Observatories, and afterwards engaged in Bombay in fitting up, modifying, and testing

the Tide gauges; Local Captain, 18th December 1873; Captain, 4th April 1874; under the reorganization of the Department, reverted to Assistant Superintendent, 2nd grade, May 1874; completed the Tidal Observations on Gulf of Cutch, and dismantled the observatories in June 1875; employed on the connected Levelling Operations in Kathiawar and Gujarat up to the end of season 1875-76; on special duty in England from September 1876 to May 1877, carrying out the calculations for reducing total observations of Gulf of Cutch; by order of the Secretary of State remained at Aden (*en route* to India) to report on the Tidal Observations which had been taken there by the Public Works Department, and to arrange for future observations; returned to India, June 1877; in July 1877 was appointed to the general superintendence and control of Tidal Observations upon the Indian coasts, and was empowered to make all arrangements in direct communication with the Governments of the Maritime provinces: these operations have gradually been extended until twenty Tidal Observatories (in India, Burma, and Ceylon) have been simultaneously at work, and some six thousand miles of Levelling Operations of precision have been carried out; promoted to Assistant Superintendent, 1st grade, 1st January 1879; on deputation as Commissioner, Venice Geographical Congress and Exhibition in August and September 1881; the Survey of India exhibited a complete set of Tidal apparatus, diagrams, &c., and thus was represented in class II, Hydrography, in which class a Diploma of Honour was awarded to the Department; furlough to Europe for 1 year and 148 days, from 16th October 1881; promoted to Major, 18th December 1881; Deputy Superintendent, 4th grade (new), 1st July 1882; returned from furlough and resumed charge, Tidal and Levelling Operations, 20th April 1883; Officiating Deputy Superintendent, 3rd grade, from 29th May 1883 to 3rd April 1884; leave to Europe on urgent private affairs, 4th April 1884 to 28th September 1884; Officiating Deputy Superintendent, 3rd grade, and resumed charge, Tidal and Levelling operations, from 1st October 1884; Officiating Master of the Mint, Calcutta, from 11th July to 12th October 1885, and from February to 30th September 1886; Officiating Mint Master, Bombay, from 1st October 1886 to 5th January 1887; reverted to the Survey Department, and after return from privilege leave appointed to officiate as Assistant Surveyor-General from 8th June 1887. Furlough, private affairs, for 11 months and 9 days, from 11th November 1887 afternoon to 19th October 1888. Officiating Mint Master, Bombay, from 20th October 1888 to 22nd December 1888; Officiating Deputy Superintendent, 2nd grade, from 23rd December 1888. Promoted to half-pay Lieutenant-Colonel on 18th December 1888. On duty at Head-quarters from 1st January 1889. Officiating Mint Master, Calcutta, from 7th May 1889.

War Services.—Served with the Abyssinian Field Force in 1868 as Assistant Field Engineer and appointed Traffic Manager of the Railway; mentioned in despatches for zeal and management in bringing safely and expeditiously troops and baggage for embarkation—medal.

Acknowledgment of Services by Government.—Thanks of Government of Bombay for articles in the *Bombay Gazetteer* on Gulf of Cutch and Little Runn,—G. O. No. 139, 13th July 1881; thanks of Government of Bombay for contribution to the Statistical Account of Kathiawar in the *Bombay Gazetteer*, G. O. No. 2744, 4th August 1884; recommended to the Secretary of State by Sir H. Thuillier, the Chief of the Indian Commission, that services at the Venice Congress should be suitably recognized; Secretary of State's cordial acknowledgments of the same, letter No. 1347, 15th December 1881, and thanks of Government of India also conveyed in No. 11 Ex., Revenue, Agriculture, and Commerce Department, 13th January 1882; special mention of services in Government of India Resolution of Great Trigonometrical Survey Operations in 1873-74, also in 1874-75; elected Fellow, Royal Society, May 1885; medal of the 1st class awarded by the Geographical Congress at Venice in 1881 for organization and improvements in Tidal Observations; elected Associate, Institute Civil Engineers, May 1881.

Literary Work of a Public or Official character.—Articles on the Gulf of Cutch, Little Runn, and Gulf of Cambay for the *Bombay Gazetteer*. Notes on the Harmonic Analysis of Tidal Observations published by order of the Secretary of State, London, 1872. Paper on the Tidal Observations of the Gulf of Cutch read before the British Association, 1876. Account of the Tidal Disturbances caused by the Volcanic Eruption at Krakatoa (Java) in August 1883, presented to the Royal Society. Auxiliary Tables (two Pamphlets) to facilitate the calculations of Harmonic Analysis of Tidal Observations published in India, 1879 and 1882. Joint Report with Professor G. H. Darwin, F.R.S., &c., &c., of the results of the Harmonic Analysis of Tidal Observations presented to the Royal Society and reprinted from their Proceedings, March 1885. Account of the Spirit-Levelling Operations of the Great Trigonometrical Survey of India read before the British Association in 1885, and afterwards printed among the supplementary papers of the Royal Geographical Society. Manual of Tidal Observations published at the expense of the British Association. Tide Tables for India Ports prepared annually by Major Baird and Mr. Roberts of the Nautical Almanac Office by order of the Secretary of State for India.

MAJOR J. R. MCCULLAGH, *Royal Engineers, Officiating Deputy Superintendent, 2nd Grade.*—First commission, 18th December 1861; joined at Chatham, February 1862; joined at Belfast, June 1864; landed at Calcutta, 20th October 1865; joined Head-quarters, Bengal Sappers and Miners, Roorkee, 27th October 1865; Officiating Doing Duty Officer, 27th January 1866; Command of Detachment, 1st and 3rd Companies, B.-S. and M., at Peshawur, 30th April 1866; passed Lower Standard, Hindustani; Permanent Doing Duty Officer, 4th July 1867; Officiating Adjutant and 2nd in-Command, B. S. and M., 17th April 1868; appointed to the Public Works Department, 6th November 1868; appointed to the Great Trigonometrical Survey of India, 1st March 1869, as Assistant Surveyor, 2nd grade; officiating in charge, Guzerat Party, ten months, 1870-71; Assistant Superintendent, 1st grade, 1st January 1872; Captain, 11th December 1873; under the re-organization, became Assistant Superintendent, 2nd grade, 1st April 1874; furlough to Europe from 1st November 1873 to 27th October 1874; Officiating Assistant Superintendent, 1st grade, 28th October 1874; charge of No. 1 Extra Party, 13th November 1874; Officiating Assistant Superintendent, 1st grade, in charge No. 9 Party, Mysore Topographical Survey, 1st August 1875; reverted, 12th April 1877; Officiating Assistant Superintendent, 1st grade, in charge No. 8 Party, Mysore Topographical Survey, 27th April 1877; furlough to Europe, with six months' duty at Chatham in addition, from 5th November 1877 to 5th May 1879; Officiating Assistant Superintendent, 1st grade, 6th May 1879, and attached to Mysore Topographical Survey; promoted to Assistant Superintendent, 1st grade, on 14th December 1880; joined Hanthawaddy District Cadastral Survey in British Burma on 2nd June 1881, and received charge of party on 1st August 1881; promoted to Major, 18th December 1881; Deputy Superintendent (new), 4th grade, 1st July 1882; Officiating Deputy Superintendent, 3rd grade, from 1st November 1883 to 23rd March 1884, and again from 4th April to 15th March 1886; assumed charge of Mysore Topographical Survey, 20th March 1884; furlough to Europe for one year, from 26th March 1886, on medical certificate; extension of 6 months. Further extension of 6 months. Deputy Superintendent, 3rd grade, from 1st January 1887. Returned from furlough and held temporary charge of No. 4 Party (Basti), from 25th January to 4th May 1888. Transferred to No. 19 Party (Madras), from 5th May 1888, and assumed charge on the afternoon of 20th June 1888. Officiating Deputy Superintendent, 2nd grade, from 15th November to 22nd December 1888, from 20th to 22nd February 1889, and from 7th May 1889.

War Services.—Appointed Assistant Field Engineer to the Bhutan Field Force, and to command No. 2 Company, B. S. and M., 3rd January 1866—medal and clasp.

COLONEL JOHN RANDAL WILMER, *Bengal Staff Corps, Deputy Superintendent, 3rd Grade.*—Joined the service as Lieutenant in the Royal Artillery on the 22nd June 1859; joined the Battery at Guernsey, 1st August 1859; arrived in India on 27th October 1860; Acting Adjutant, 11th Brigade, Royal Artillery, for one month, May 1863; held command of G-11, Royal Artillery, from 22nd September 1864 till 24th March 1866 (one year and six months); leave on private affairs, 7th May 1866 to 7th August 1866 (three months); Acting Adjutant, 11th Brigade, September and October 1867; embarked for England with G-11, Royal Artillery, on 20th November 1867; leave on private affairs, 18th February 1868 to 18th April 1868; returned to India and joined 3-22nd Royal Artillery, 28th April 1869; officiated as a 3rd class Commissary of Ordnance, from 22nd June 1869 to 23rd August 1869; appointed to Staff Corps, 24th August 1869; Assistant Superintendent, Topographical Survey, 24th August 1869; sick leave from 19th December 1871 to 2nd March 1872; promoted to Brevet Captain, 22nd June 1871; promoted to Assistant Superintendent, 1st grade, Topographical Survey, 28th August 1872; substantive Captain in Staff Corps, 24th August 1873; appointed to charge of No. 5 Topographical Survey Party, 12th October 1874; reverted to Assistant Superintendent, 2nd grade, on amalgamation of the Surveys; Officiating Assistant Superintendent, 1st grade, 1st January 1878; promoted to Major, 22nd June 1879; promoted to Assistant Superintendent, 1st grade, 24th April 1882; promoted to Deputy Superintendent (new), 4th grade, 1st July 1882; Officiating Deputy Superintendent, 3rd grade, from 5th to 13th March, 30th April to 8th May, 7th to 24th August, and from 24th September 1884 up to 31st October 1886; promoted to the rank of Lieutenant-Colonel, 22nd June 1885; appointed to charge of Baluchistan Survey Party from 1st October 1885 to 31st October 1886; furlough to Europe for 1 year, from 10th November 1886, on medical certificate. Extension of 6 months. Further extension for 6 months. Promoted to Deputy Superintendent, 3rd grade, 19th February 1887. Returned from furlough 18th October 1888, and assumed charge of No. 14 Party (Hoshangabad) on the 23rd idem. Promoted to Colonel 22nd June 1889.

LIEUTENANT-COLONEL S. H. COWAN, *Bengal Staff Corps, Deputy Superintendent, 3rd Grade.*—Cadet at the Military College, Addiscombe, from January 1858; received commission as Lieutenant, Bengal Artillery, 9th December 1859; arrived in India, 9th April

1860; served with Bengal Artillery Depôt at Meerut, April 1860; posted to 4th Company, 3rd Battalion, Bengal Artillery; served with D Battery, 16th Brigade, Royal Artillery, February 1861; appointed in the Ordnance Department, 4th October 1866; admitted to Staff Corps, 19th January 1867; appointed Assistant Superintendent, 3rd grade, in the 4th Division Survey, Bengal, 19th January 1867; appointed Assistant Superintendent, 2nd grade, 17th March 1868; went on furlough to Europe, 30th May 1870; promoted to Captain (Brevet), 9th December 1871; returned from furlough, 3rd May 1872; transferred to 1st Division (Assam) Survey, 1st June 1872; promoted to Captain, 24th December 1872; went on sick leave to Europe, 16th July 1875; returned from Europe, 7th November 1876; transferred to Behar Irrigation Survey, 30th November 1876; transferred to Head-quarters Office, 1st March 1878; transferred to take charge of Cachar Survey, 23rd November 1878; transferred to Head-quarters Office, Photographic Branch, 14th November 1879; promoted to Major, 9th December 1879; on special duty, Surveyor-General's Office, Photographic Branch, Calcutta, from 26th December 1881; assumed charge, Hooghly River Survey, 7th April 1882, and held it up to 24th July 1883; Assistant Superintendent, 1st grade (new), 1st July 1882; personal allowance of ₹100, 1st April 1881 till promotion to Deputy Superintendent, 2nd grade; Officiating Deputy Superintendent, 4th grade (new), from 1st July 1882 up to 28th April 1883, and confirmed in that grade, 29th April 1883; furlough to Europe from 7th August 1883; assumed charge of Benares and Basti Districts (Cadastral) Survey, North-Western Provinces, from 11th December 1883; Officiating Deputy Superintendent, 3rd grade, from 6th to 13th March 1884, and again from 16th September 1884 to 16th July 1888; promoted to Lieutenant-Colonel, 9th December 1885. Confirmed as Deputy Superintendent, 3rd grade, from 17th July 1888. Transferred to the charge of No. 8 Party (Bengal and Orissa), from 20th February 1889.

LIEUTENANT-COLONEL EDWARD HARRIS STEEL, *Bengal Staff Corps, Deputy Superintendent, 3rd Grade.*—Received commission as Lieutenant, Bengal Artillery, from the Royal Military College at Addiscombe on 8th June 1860; arrived in India, 11th October 1860; leave on medical certificate to hills north of Kumaon from 10th June to 1st November 1861; leave on medical certificate to Europe from May 1865 to June 1866, after Bhutan campaign; appointed Assistant Superintendent of Survey, 2nd grade, Survey Department, 1st February 1867, in Assam; leave to Europe on medical certificate, December 1867 to December 1868; returned to Regiment of Royal Artillery; re-appointed and rejoined Survey Department as Assistant Superintendent, 2nd grade, on 26th January 1869; admitted to Staff Corps, 26th January 1869; Captain, Staff Corps, 26th January 1873; in charge 2nd Division, Revenue Branch, from 2nd November 1876 to 19th April 1877, and again from 18th July to 18th November 1877; Officiating Assistant Superintendent, 1st grade, from 1st to 11th January 1878, again from 1st February to 6th May 1879; Officiating Assistant Surveyor-General, 17th March 1878 to 9th October 1879; Officiating Assistant Superintendent, 1st grade, from 20th June to 10th October 1879; in charge of Gwalior and Central India Topographical Party from 20th October 1879 to 18th October 1880; promoted to Major, 8th June 1880; Officiating Assistant Superintendent, 1st grade, from 1st November 1879 to 7th December 1881; personal allowance of ₹100, 1st April 1881 until promotion to Deputy Superintendent, 2nd grade; transferred to charge of Bassein District Survey from 20th November 1880; furlough on medical certificate from 8th December 1881; extension for 6 months; further extension for 4 months and 10 days; Assistant Superintendent (new), 1st grade, 1st July 1882; returned from furlough, 22nd October 1883; Officiating Deputy Superintendent, 4th grade, from the same date; assumed charge of Aligarh and Etah Districts Topographical Survey, North-Western Provinces, 27th October 1883 to 26th January 1884; confirmed as Deputy Superintendent, 4th grade, from 10th January 1884; superintending detached parties working in Dehra Dun, Chhattisgurh, and Ajmere, from 27th January 1884; resumed charge of Aligarh and Etah Districts Topographical Survey, North-Western Provinces, 7th August 1884; Officiating Deputy Superintendent, 3rd grade, from 3rd December 1884 to 15th November 1885; transferred to charge of Bilaspur District Cadastral Survey, 4th November 1885, together with superintendence of Ajmere Survey Detachment; Officiating Deputy Superintendent, 3rd grade, from 21st January 1886 to 25th October 1886; promoted to Lieutenant-Colonel, 8th June 1886; furlough to Europe (on medical certificate) from 10th November 1886. Returned from furlough and resumed charge of No. 2 Party (Bilaspur), 24th November 1887 Officiating Deputy Superintendent, 3rd grade, from the same date up to 25th March 1889; confirmed, 26th March 1889.

War Services.—Served with Khasi and Jaintia Field Force from December 1862 to May 1863; served with Bhutan Field Force from November 1864 to April 1865; present at taking of Dewangiri—medal and clasp.

LIEUTENANT-COLONEL H. S. HUTCHINSON, *Bengal Staff Corps, Deputy Superintendent 3rd Grade.*—Cadet at the Military College, Addiscombe, from January 1858 to December,

1859; appointed a Lieutenant in the Bengal Artillery on 9th December 1859; landed in India, 9th April 1860; served with the Artillery at Meerut, Lahore, and Peshawur up to 9th April 1865; appointed to No. 1 Light Field Battery, Punjab Irregular Force, on 10th April 1865, per G. G. O. No. 380 of 1865; served with it at Bannu and Dera Ismail Khan up to 12th August 1867; appointed as Probationary Assistant Superintendent of Survey in the 3rd Division, Central Provinces, on 13th August 1867, and appointed to the Staff Corps on the same date; promoted to 2nd grade Assistant Superintendent of Survey on 13th August 1868; served with the 3rd Division up to 20th May 1870; furlough to Europe on medical certificate from 21st May 1870 to 31st December 1871; promoted to local rank of Captain on 9th December 1871; served with the 4th Division, Central Provinces Survey, from 1st January 1872 to 30th September 1872; appointed to 11th Deccan Topographical Survey on 1st October 1872; promoted to substantive rank of Captain on 25th March 1873; Officiating Assistant Superintendent of Survey, 1st grade, from 1st January 1878; promoted to Major, 9th December 1879; served with Ghazipur Cadastral Survey from 1st January to 3rd April 1881; in temporary charge of the Darjeeling Survey Party from afternoon of the 8th April 1881; on duty, Headquarters Office, Calcutta, from 2nd August 1881; furlough on medical certificate from 29th August 1881 to 27th October 1882; Assistant Superintendent (new), 1st grade, 1st July 1882; personal allowance of ₹100 from 1st April 1881 until promotion to Deputy Superintendent, 2nd grade; Officiating Deputy Superintendent, 4th grade, from 29th October 1882 up to 6th August 1884; doing duty in the Head-quarters Office, Calcutta, from 30th October to 25th November 1882; transferred to Bassein District Cadastral Survey, 26th November 1882; received charge of this Survey, 29th May 1883; confirmed in the 4th grade of Deputy Superintendent, 7th August 1884; Officiating Deputy Superintendent, 3rd grade, from 6th July to 12th October 1885; transferred to charge of Akyab District Cadastral Survey, 22nd October 1885; Officiating Deputy Superintendent, 3rd grade, from 26th October to 6th November 1885; promoted to Lieutenant-Colonel, 9th December 1885; Officiating Deputy Superintendent, 3rd grade, from 3rd February to 8th March 1886, and from 10th March 1886 up to 25th April 1889; confirmed 26th April 1889. Assumed charge of No. 10 Party (South Mahratta), 22nd October 1887.

Edwin Clifford Barrett, *Deputy Superintendent, 3rd Grade.*—Joined the Right Bank Indus-Sind Revenue Survey as Probationary Assistant Surveyor, 18th November 1862; Sub-Assistant, 3rd grade, 1st January 1864; transferred to Central Provinces (Chanda District) Survey, 1st February 1865; passed the examination laid down in G. O. P. C. No. 244, dated 19th April 1851, as prescribed for the Senior Department, and appointed Assistant Superintendent, 2nd grade, 30th December 1868; sick leave for one month from 20th June 1869; transferred to the Raipur District Survey (2nd Division, Central Provinces), 1st November 1869; passed the Higher Standard Examination in Hindustani, 20th October 1871; was one of the staff of Survey officers who accompanied the Right Column, Lushai Expeditionary Force, in 1871-72; officiated as Assistant Superintendent, 1st grade, from 30th December 1871 to 3rd March 1872; transferred to the 1st Division, Bahawalpur, from 1st June 1872; transferred to the 4th Division, North-Western Provinces, 1st October 1872; officiated as Assistant Superintendent, 1st grade, from 6th July 1873 to 4th November 1873, and again from 1st December 1873 to 14th January 1874; transferred to the Khurda Estate Survey, Orissa, 1st November 1876; in charge of the Khurda Estate Survey from 22nd July to 12th November 1877; Officiating Assistant Superintendent, 1st grade, from 1st April 1878; in charge of the Cuttack District Irrigation Survey from 23rd May to 28th November 1878; transferred to the 6th Division, North-Western Provinces, from 1st December 1878; transferred to Ghazipur Survey, 20th July 1879, thence to Bassein Survey, British Burma, 11th November 1879; furlough to Europe, 27th August 1880 to 12th July 1882; subsidiary leave from 13th to 23rd idem; doing duty in the Head-quarters Office, Calcutta, from 24th July to end of October 1882; Assistant Superintendent (new), 1st grade, 1st July 1882; Officiating Deputy Superintendent, 4th grade, from 24th July 1882 up to 30th September 1884; transferred to Burma Topographical Survey, British Burma, 1st November 1882; assumed charge of Hooghly River Survey which afterwards went to Assam and became Kamrup District, subsequently called Assam (Cadastral) Survey, 25th July 1883; confirmed in the 4th grade of Deputy Superintendent from 1st October 1884; Officiating Deputy Superintendent, 3rd grade, from 16th March 1886 up to 4th May 1889; confirmed 5th May 1889.

War Services.—Served with the Right Column, Lushai Expeditionary Force, in 1871-72—medal and clasp, and received the thanks of the Government of India.

Lieutenant-Colonel Reginald Beavan, *Bengal Staff Corps, Deputy Superintendent, 3rd Grade.*—Appointed as Ensign, 4th May 1860, General List, Infantry; 11th June 1860, arrived in India; attached for duty to 19th Foot at Benares; leave on medical certificate to Europe from 15th October 1860 till 11th October 1862 (exclusive) 1st January 1862,

promoted to Lieutenant; in 1861, went through a course of instruction at the School of Musketry, obtained extra first class certificate; on return to India was attached * to 23rd Fusiliers at Fyzabad; marched with them* to Agra; 27th March 1863, appointed Musketry Instructor to the 19th Hussars at Lucknow; marched with them to Meerut; held this appointment till 15th April 1865; leave on private affairs to the hills; 12th July 1865, took up the appointment of Quarter-Master, 22nd Punjab Native Infantry, at Umballa; marched to Morar in May 1866; attended the officers' surveying class at Roorkee in the winter of 1867-68, first class certificates for surveying and field engineering; 9th September 1867, appointed to the Bengal Staff Corps; 17th July 1868, appointed to the Topographical Survey Department as Assistant Surveyor, 2nd grade (this appointment was afterwards cancelled and made probationary); joined No. 6 Party, Khasi, Garo, and Naga Hills Survey at Cherrapunji; 9th November 1869, promoted to Assistant Surveyor, 2nd grade; 1st May 1870, transferred to Revenue Branch and joined Hazaribagh Survey Party; 1st October 1870, transferred to Bahawalpur Party; 1st December 1870, transferred to Dera Ghazi Khan Survey; furlough (medical certificate) to England from 25th November 1871 to 22nd November 1872; joined 1st Division, Central Provinces Survey, 29th November 1872; on detached duty at Chandgurh from February to May 1873; on detached duty at Ahiri, Chanda District, during the field season of 1873-74; transferred to Dera Ismail Khan Survey, 1st October 1874; worked in Dera Ismail Khan, Bunnoo and Rawal Pindi Districts, and in the winter of 1877-78 in the Jowaki country and Kohat Pass; reduced to Assistant Superintendent, 3rd grade, 1st January 1878, by the operation of the new organisation of the Survey Department; 13th May 1878, officiating 1st grade Assistant Superintendent; 5th October, reverted to officiating 2nd grade; 27th October, promoted to 2nd grade (third time); 27th October, officiating 1st grade; 28th November, reverted to 2nd grade; 22nd December, officiating 1st grade; 4th February 1879, reverted to 2nd grade; promoted to Major, 4th May 1880; organised and took charge of the Baluchistan Topographical Survey from 27th July 1880; Officiating Assistant Superintendent, 1st grade, from 17th November 1880 to 30th June 1882; Assistant Superintendent (new), 1st grade, 1st July 1882; Officiating Deputy Superintendent, 4th grade, from 1st July 1882 up to 9th November 1884; assumed charge of No. 1 Topographical Party, 1st October 1883; promoted to Deputy Superintendent, 4th grade, from 10th November 1884; Officiating Deputy Superintendent, 3rd grade, from 21st March 1886 up to 7th June 1887; Officiating Assistant Surveyor-General in charge Cartographic, Engraving, and Map Record and Issue Offices from 17th April 1886; promoted to Lieutenant-Colonel, 4th May 1886; furlough from 8th June 1887 to 6th December 1888. Returned from furlough on the 7th December 1888. Officiating Deputy Superintendent, 3rd grade, from that date up to 27th June 1889; confirmed 28th June 1889. Assumed charge of No. 20 Party (Burma) on the 20th December 1888.

* By Presidency Division Order of 4th November 1862.

War Services.—Attached to the Army operating in Southern Afghanistan from October 1878—medal; accompanied General Biddulph's Division to Girishk; mentioned in Lieutenant-General D. M. Stewart's despatches and in Field Force Order by General Biddulph, dated 6th March 1879; engaged surveying in Southern Afghanistan and Baluchistan till 1st April 1880, and again from 27th July 1880; accompanied the Marri Field Force under Brigadier-General C. MacGregor in October and November 1880; accompanied the Bozdar Field Force under Brigadier-General H. C. Wilkinson in November and December 1881.

G. H. Cooke, *Officiating Deputy Superintendent, 3rd Grade.*—Arrived in India in 1865; joined the Survey Department as Sub-Assistant, 1st class, 6th December 1866; Assistant Revenue Surveyor, 3rd class, on 6th December 1869; Probationary Assistant Superintendent, 1st April 1870; Assistant Superintendent, 2nd grade, 10th May 1871; served in the Hazaribagh District Survey until October 1871; from November 1871 to May 1872, with Lushai Expeditionary Force; examination leave for three months, from 5th June 1872 to 4th September 1872; transferred to Head-quarters from 5th September 1872; from 1st November 1872, special duty, Chittagong; in June 1873, transferred to Naini Tal, for the completion of the survey of the Naini Tal Sanitarium on the scale of 16 inches = 1 mile; in November 1873 was transferred to the 9th Bilaspur District Survey, and completed the survey of Aheri Zamindari; under the reorganization of 1st April 1874, Officiating Assistant Superintendent, 3rd grade; in November 1874, joined the Azimgarh District (Cadastral) Survey; on 1st April 1876, transferred to Goorgaon District Survey; in November 1876, transferred to Deccan Survey; held charge of the survey from 22nd August 1877 to 2nd January 1878; Officiating Assistant Superintendent, 2nd grade, from 1st January 1878; again took over charge of Deccan Survey on 12th September 1878; furlough from 22nd May 1880 to 8th June 1882; promoted to Assistant Superintendent, 2nd grade, on 14th December 1880; transferred to Meerut, &c., Districts (Topographical) Survey, and joined 9th June 1882; Assistant Superintendent (new), 1st grade, 1st July 1882; Officiating Deputy Superintendent, 4th grade, 1st

July to 31st October 1882; 2nd and 3rd November 1882; from 7th idem up to 31st December 1882; 14th March 1883, and from 20th April 1883 up to 21st October 1885; transferred to Benares, &c., Districts (Cadastral) Survey, 17th October 1883; appointed to do duty at the Head-quarters, Calcutta, from 17th August 1884; transferred to the Basti District (Cadastral) Survey, 1st May 1885; held temporary charge of Cutch Party, Topographical Survey, from 11th August 1885; confirmed as Deputy Superintendent, 4th grade, 22nd October 1885; assumed charge of Jubbulpore District Traverse Survey, 26th October 1885; Officiating Deputy Superintendent, 3rd grade, from 22nd April 1886 to 23rd October 1887; from 4th to 23rd November; from 25th to 29th November 1887; from 6th to 24th January 1888; from 11th February to 13th April 1888; and from 16th May 1888 up to the present time.

War Services.—On 1st November 1871 was deputed on special service with Right Column, Lushai Expeditionary Force; received a medal and the thanks of the Government of India; served a second year in the Lushai country with Major Lewin, Political Officer, and connected the work done by the Survey officers attached to the Right and Left Columns of the Lushai Expeditionary Force.

EDWIN JAMES JACKSON, *Officiating Deputy Superintendent, 3rd Grade.*—Arrived in the country, 26th June 1864; joined the Department as Senior Sub-Assistant Revenue Surveyor, 26th September 1864; Probationary Assistant Superintendent, 1st April 1866; Assistant Superintendent, 2nd grade, 5th November 1868; sick leave from 4th July to 3rd August 1867; sick leave from 19th August to 30th November 1867; sick leave to Europe from 23rd July 1871 to 10th November 1872; in temporary charge of the 2nd Division, Revenue Survey (Assam), 20th January to 13th February 1873, or about January 1873; special duty, defined the Naga Frontier Boundary common to District Sibsagur, from December 1873 to May 1874; Cachar Tea Grants Survey from 28th November 1874 to April 1875; relaying the old boundaries to the north-west of Faridpur, which had been washed away by the River Ganges during the past 20 years; employed on this work from February 1877 to April 1877; transferred to 5th Division Survey from 1st July 1877; on furlough from 1st May 1880 to 3rd December 1881; transferred to No. 2 Party, Hanthawaddy District, British Burma; Assistant Superintendent (new), 1st grade, 1st July 1882; Officiating Deputy Superintendent, 4th grade, afternoon of 18th November 1882; reverted to Assistant Superintendent, 1st grade, from 6th December 1882; Officiating Deputy Superintendent, 4th grade, from 29th April 1883 up to 25th October 1885; in charge of No. 2 Revenue Party, Hanthawaddy District Survey, British Burma, from 19th February 1884; confirmed as Deputy Superintendent, 4th grade, 26th October 1885; furlough to Europe from 12th November 1885 to 23rd October 1886; appointed to the charge of Saugor Traverse Survey from 29th October 1886; Officiating Deputy Superintendent, 3rd grade, from 27th October to 16th December 1886, from 1st to 4th January 1887, and from 15th May 1887 to 25th September 1887; again from 21st June 1888.

MAJOR ST. GEORGE CORBET GORE, *Royal Engineers, Officiating Deputy Superintendent, 3rd Grade.*—Joined the service, 8th January 1870; arrived in India, 15th November 1872; appointed Assistant Superintendent, 2nd grade, Great Trigonometrical Survey of India, 25th March 1873; joined the Great Trigonometrical Survey at Dehra Dun on 11th April 1873, and attached to the Dehra Dun Survey Party; Officiating Assistant Superintendent, 1st grade, from 2nd November 1873; by consolidation scheme of 1st April 1874 became Assistant Superintendent, 3rd grade, officiating 2nd grade; reverted to 3rd grade from 28th October 1874; Officiating 2nd grade from 4th January 1875; transferred to Topographical Department for work, 15th October 1875, and attached to the Bhopal and Malwa Survey; transferred to Gujarat Party, Great Trigonometrical Survey, 5th January 1878; appointed to officiate in charge Gujarat Party, 2nd September 1878; relieved of the charge of Gujarat Party, October 1878; ordered on service to Afghanistan, 3rd January 1879; reverted to Assistant Superintendent, 3rd grade, 26th April 1879; Officiating Assistant Superintendent, 2nd grade, from 16th July 1879 to 10th December 1880; furlough to Europe for two years from 11th December 1880; promoted to Captain, 8th January 1882; Assistant Superintendent (new), 2nd grade, 1st July 1882; promoted to Assistant Superintendent, 1st grade, 10th October 1882; appointed to do duty at Head-quarters, Calcutta, from 13th December 1882; Officiating Deputy Superintendent, 4th grade, from 29th May 1883 to 9th March 1886; attached to the Afghan Boundary Commission, 26th August 1884; confirmed as Deputy Superintendent, 4th grade, 10th March 1886; Officiating Deputy Superintendent, 3rd grade, from 4th May to 17th August 1886; returned to India, 23rd November 1886; Officiating Deputy Superintendent, 3rd grade, 26th October 1886, and from 20th November to 8th December 1886; appointed to superintend the final mapping connected with the Afghan Boundary Commission at Dehra Dun; Brevet-Major, 16th February 1887; Officiating Deputy Superintendent, 3rd grade, 7th June 1887 up to 29th August 1887, and again from 7th January 1889; employed on Military duty in Europe from 15th February 1888 to 6th January 1889. Pro-

moted to Major, 26th May 1889; posted to Trigonometrical Branch Office, Drawing Section, 7th January 1889, and to charge thereof from 17th April 1889.

War Services.—Served with the Afghanistan Field Force, Quetta Column, from 9th February 1879 to 15th May 1880; accompanied Sir D. Stewart's column in its march from Kandahar to Kabul as Officer in charge of Survey; present at the action of Ahmed Khel, near Ghazni, and of Urzu Shabiz at Ghazni.

MAJOR JAMES RAMSAY HOBDAY, *Bengal Staff Corps, Officiating Deputy Superintendent, 3rd Grade.*—Ensign, 2-25th King's Own Borderers, 13th January 1869—G. O. C. C., 3rd March 1869, p. 88; date of arrival in India, 31st March 1869; 2nd Wing Subaltern on probation, 30th Regiment, Bengal Infantry, 20th March 1871—G. O. C. C., 4th April 1871, p. 165; 1st Wing Subaltern on probation, 38th Regiment, Bengal Infantry, 6th May 1871—G. O. C. C., 16th May 1871, p. 242; Officiating Wing Officer, 38th Regiment, Bengal Infantry, in addition to his other duties, from 21st November 1872 to 5th January 1873—G. O. C. C., 19th December 1872 p. 609; Station Staff Officer, Buxa, Bhutan, 16th March 1873 to 18th September 1874—G. O. C. C., 5th April 1873, p. 170; Officiating Wing Officer, 38th Regiment, Bengal Infantry, in addition to his other duties, from 6th April 1873 to 27th June 1873—G. O. C. C., 9th July 1873; General leave from 12th July 1873 to 17th November 1873—G. O. C. C., 16th August 1873, p. 330, and G. O. C. C., 23rd December 1873, p. 559; Assistant Superintendent, 3rd grade (on probation), Topographical Survey Department, 11th September 1874—Revenue, Agriculture, and Commerce Department, No. 538 of 11th September 1874; Assistant Superintendent, 3rd grade, Topographical Survey Department, 7th July 1875—Revenue, Agriculture, and Commerce Department, No. 505 of 19th July 1875; Officiating Assistant Superintendent, 2nd grade, Survey of India, from 1st to 10th January 1878, 1st to 5th February 1878, 15th February to 28th April 1878; furlough for 2 years from 29th April 1878; recalled to duty to join Afghan Field Force, 15th December 1878; left England, 25th December 1878; arrived at Bombay, 15th January 1879; Officiating Assistant Superintendent, 2nd grade, from 15th January 1879 to 3rd February 1879; medical certificate for one year, from 1st December 1879; Officiating Assistant Superintendent, 2nd grade, from 3rd April 1881 to 30th June 1882; promoted to the rank of Captain, 13th January 1881; Assistant Superintendent (new), 2nd grade, 1st July 1882; Officiating Assistant Superintendent, 1st grade, from 1st July 1882 to 14th April 1883; promoted to Assistant Superintendent, 1st grade, 15th April 1883; Officiating Deputy Superintendent, 4th grade, from 25th July 1883 to 21st October 1883, from 25th October 1883 to 23rd March 1884, and from 4th April 1884 to 31st December 1886; in charge Andaman Topographical Party, from 1st November 1883 to 19th March 1886; in charge Upper Burma Topographical Party, from 20th March 1886; Officiating Deputy Superintendent, 3rd grade, from 4th May to 17th August, 26th October, and from 19th to 22nd November 1886; confirmed as Deputy Superintendent, 4th grade, 1st January 1887; Brevet-Major, 1st July 1887; Officiating Deputy Superintendent, 3rd grade, from 17th July 1888 to 6th January 1889; 20th to 22nd February 1889; and from 7th May 1889. Promoted to Major, 13th January 1889.

War Services.—Served with Kandahar Field Force, Southern Afghanistan, from 13th February to 31st October 1879; accompanied column under Brigadier-General Palliser to Khakrez Valley —medal. Served with Upper Burma Field Force from 2nd April 1886 to end of Campaign, mentioned in despatches of Major-General Sir George White, V.C., K.C.B. Services acknowledged by the Commander-in-Chief and Chief Commissioner.—medal with clasp and Brevet Majority.

CAPTAIN FRANCIS BACON LONGE, *Royal Engineers, Deputy Superintendent, 4th Grade*—Lieutenant, 2nd February 1876; appointed to India Establishment, 1st November 1878; arrived in India, 15th January 1879; appointed Supernumerary Assistant Superintendent, 3rd grade, Survey of India, 15th March 1880; Assistant Superintendent (new), 2nd grade, 1st July 1882; confirmed in the Survey Department, 13th September 1882; officiated as Assistant Superintendent, 1st grade, from 13th September 1882 to 9th July 1884; held charge of the Deccan Party from 6th October to 21st November 1883; confirmed, 10th January 1884; officiated as Deputy Superintendent, 4th grade, from 6th to 13th March 1884, and again from 26th August 1884 to 10th April 1888; appointed to do duty at Head-quarters, Calcutta, 17th January 1885; in charge Suakim Expeditionary Survey, from 4th March 1885; attached to the Tidal and Levelling Operations, 19th June 1885; transferred to the charge of the South Mahratta Survey Party, 6th July 1885; re-transferred to the Tidal and Levelling Operations, 19th October 1885; again in charge South Mahratta Survey Party, 29th December 1885; in charge of Baluchistan No. 1 Party, from 1st November 1886; promoted to Captain, 2nd February 1887; overstayed privilege leave by 5 days, 12th to 16th September 1887. Confirmed as Deputy Superintendent, 4th grade, 11th April 1888; Officiating Deputy Superin-

tendent, 3rd grade, from 1st September 1888 to 22nd October 1888, and from 1st to 15th November 1888. Furlough for 18 months, from 16th November 1888.

War Services.—Joined the Head-quarters of the Bengal Sappers and Miners in the Khyber at Jalalabad in February 1879; served as Assistant Field Engineer attached to the 7th Company. Bengal Sappers and Miners, with the Kurram and Kabul Field Forces from March 1879 till 14th March 1880, and was present at the battle of Chanasia, 8th October 1879, and the actions round Kabul from 10th to 23rd December; served as Assistant Superintendent of Survey with Kabul and Kandahar Field Forces from 15th March 1880 to the close of the campaign in May 1881, and was present at skirmish at Saidabad on 26th April 1880; marched with the Force under Sir F. Roberts from Kabul to Kandahar, and was present at the battle of Kandahar, 1st September; twice mentioned in despatches of Sir F. Roberts and received the thanks of the Governor General—medal and 3 clasps and bronze star; served as Survey Officer with the Suakim Expeditionary Force from 4th March 1885 to 1st June 1885—medal and clasp.

CAPTAIN ROBERT ALEXANDER WAHAB, *Royal Engineers, Deputy Superintendent, 4th Grade.*—Obtained his commission as Lieutenant in the Royal Engineers, 29th April 1873; joined at Chatham, 1st January 1874; arrived in India, 8th March 1876; attached to Madras Sappers and Miners from March 1876 till December 1880; appointed Assistant Engineer, 1st grade, Public Works Department, Military Works Branch, January 1881; temporary Executive Engineer, 4th grade, March 1882; appointed Assistant Superintendent, 2nd grade, Survey of India, 8th January 1883; Officiating Assistant Superintendent, 1st grade, from 1st February 1883 up to 6th August 1884; promoted to Assistant Superintendent, 1st grade, from 7th August 1884; in charge, No. 3 Topographical Party, Baluchistan Survey, from 19th to 31st August 1884; posted to Zhob Valley Expedition Party, 1st September 1884; assumed charge of that party, 14th September 1884; and charge of No. 3 Topographical Party, Baluchistan Survey, 17th December 1884; Officiating Deputy Superintendent, 4th grade, from 26th August 1884 up to 16th July 1888. Confirmed, 17th July 1888. Promoted to Captain, 8th January 1885; transferred to Gorakhpur District (Cadastral Survey), 8th November 1885; assumed charge of Himalaya Party, 21st April 1886; assumed charge of Baluchistan No. 2 Party on the forenoon of 30th September 1886, and made over charge of the same on the afternoon of the 17th September 1888; Officiating Deputy Superintendent, 3rd grade, from 15th November 1888 to 22nd December 1888. Returned from Hazara Field Force and posted to Trigonometrical Branch Office, 23rd November 1888; proceeded on Military duty to Europe, 23rd February 1889.

War Services.—Served in the 1st Afghan Campaign from 9th January to 9th June 1879 as Assistant Field Engineer and Adjutant, Royal Engineers, Peshawur Valley Field Force; 2nd Afghan Campaign, October 1879 to August 1880, as Assistant Field Engineer—medal. Expedition against Mahsud Waziris in April and May 1881 as Assistant Field Engineer, and in charge of R. E. Park. Served in Zhob Valley Expedition, 1884, as Survey Officer—mentioned in despatches. Served with Hazara Field Force, 1888, as Survey Officer—mentioned in despatches.

WILLIAM HENRY PATTERSON, *Deputy Superintendent, 4th Grade.*—Appointed Junior Sub-Assistant Revenue Surveyor, 1st December 1851, and posted to the Rechnab Doab (Punjab) Revenue Survey; transferred to the Sindh Sagar Doab Revenue Survey, 1st October 1855; promoted to 3rd grade, 1st October 1855; transferred to the Derajat (Trans-Indus) Survey, 1st July 1856; promoted to 2nd grade, 1st May 1857; promoted to 1st grade, 1st January 1859; honourable mention in the Punjab Administration Report for 1859-60; thanks of the Lieutenant-Governor of the Punjab and of the Government of India; transferred to the 1st Division (Oudh) Revenue Survey, 1st October 1859; promoted to Assistant Revenue Surveyor, 3rd grade, 1st January 1862; on deputation at Head-quarters Office (Drawing Branch), Calcutta, 1st September 1862; promoted to 1st grade, 1st January 1866; designation changed to Civil Assistant, 3rd grade, 1st April 1866; transferred to 2nd Division (Oudh) Revenue Survey, 18th April 1866; during 1867-68 detached to make a survey of the cantonments, civil station, and city of Cawnpore, on the scale of 12 inches to the mile, and revision of the plan of the Lucknow Cantonments with additions of environs 2 miles all round, on the scale of 8 inches to the mile; promoted to Civil Assistant, 2nd grade, 1st January 1868, and to Surveyor, 1st grade, 1st January 1871; transferred to the 1st Division, Lower Provinces Survey (Assam), 1st April 1871; appointed to the temporary charge of the 1st Division Lower Provinces Survey, from 24th April to 12th June 1872; on duty at the Presidency Office, 29th January 1873; rejoined 1st Division, Lower Provinces Survey in Assam, February 1873; appointed to the temporary charge of the 1st Division, Lower Provinces Survey, from 25th November 1873 to 7th January 1874, and to the charge of the Survey of Lakhiraj holdings in Districts Darrang and Kamrup, with deputation allowance of ₹50 per mensem, from 1st

December 1874 to 18th June 1879; services recognised by the Chief Commissioner, Assam, in Land Revenue Administration Report of District Darrang, season 1875-76; services placed at the disposal of the Chief Commissioner, Assam, for employment under the Settlement Officer, Cachar, 3rd January 1880; appointed Chief Draftsman, Surveyor-General's Office, Calcutta, 8th August 1882; promoted to Assistant Superintendent, 2nd grade, 22nd January 1883; transferred to No. 5 Topographical Party (District Mirzapur), 1st February 1883; Officiating Assistant Superintendent, 1st grade, from 1st February 1883 to 30th September 1884; promoted to Assistant Superintendent, 1st grade, 1st October 1884; assumed temporary charge of No. 2 Party, Bhopal and Malwa Topographical Survey, from 5th August to 27th October 1884; retransferred to No. 5 Topographical Party, Mirzapur District; assumed charge of No. 2 Party, Bhopal and Malwa Topographical Survey, from 24th November 1884 to 26th October 1885, and of Mirzapur Topographical Survey Party, from 11th November 1885 to 31st August 1888 (Nomenclature of Party changed to Hoshungabad, 1st October 1887); appointed to the charge of No. 11 Party, Central Provinces Traverse Survey, 1st September 1888. Officiating Deputy Superintendent, 1st grade, from 16th September 1884 up to 14th February 1889; confirmed, 15th February 1889.

Leave on private affairs from 1st May to 31st August 1862; leave on private affairs to Europe from 20th July 1872 to 18th January 1873; leave on private affairs to Europe from 11th July 1879 to 2nd January 1880.

Special Powers.—Vested with powers of a Deputy Collector under Regulation IX of 1833 in Districts Kamrup, Nowgong, and Darrang, 11th January 1872; vested with powers of Deputy Collector under Act V of 1875, B C. (Surveys), in District Cachar, 19th February 1880.

Military Services.—As volunteer during the Mutiny of 1857-58; served against the Murree rebels—medal.

Frederick William Kelly, *Deputy Superintendent, 4th Grade.*—Appointed Junior Sub-Assistant, 4th December 1854; promoted to Sub-Assistant, 1st January 1856, in the Punjab and Sind Surveys; special leave for four months from 21st January 1858, which was overstayed from 21st May to 16th August 1858; employed as Sub-Assistant, 2nd class, in the Bhurtpur and Bundelcund Surveys, 17th August 1858; promoted to Sub-Assistant, 1st class, 1st January 1861; transferred to 2nd Division, Oudh Survey, 3rd February 1861; promoted to Assistant Revenue Surveyor, 3rd class, 1st January 1864; promoted to Civil Assistant, 4th grade, 1st April 1866; transferred to Head-quarters Office, Calcutta, 18th September 1866; promoted to Civil Assistant, 3rd grade, 1st July 1867; promoted to Surveyor, 2nd grade, 1st July 1869; in temporary charge of Midnapur Survey from 2nd March to 19th June 1876; promoted to Surveyor, 1st grade, with personal allowance of ₹50, 8th July 1879. Passed Examination for Senior Division in Calcutta; promoted to 2nd grade Assistant Superintendent, 22nd February 1883; promoted to officiate as Assistant Superintendent, 1st grade, from the same date; transferred to Prome and Akyab Districts Cadastral Survey, British Burma; promoted to Assistant Superintendent, 1st grade, 10th November 1884; Officiating Deputy Superintendent, 4th grade, from 3rd December 1884 to 12th October 1885; officiated in charge, Burma Topographical Party, for 3 months, from 8th July 1885; re-transferred to Akyab District (Cadastral) Survey from 6th October 1885; Officiating Deputy Superintendent, 4th grade, from 26th October to 15th November 1885, and from 21st January 1886 to 31st October 1886; leave on medical certificate to Australia from 13th November 1886 to 9th May 1887; Officiating Deputy Superintendent, 4th grade, from 14th May 1887 up to 25th March 1889; held charge of No. 8 Party (Bengal and Orissa) from 15th May to 29th August 1887; appointed to the charge of No. 7 Party (Bassein), 6th September 1887; confirmed as Deputy Superintendent 4th grade, 26th March 1889.

Literary Work.—Practical Surveying for India.

Edward C. Ryall, *Assistant Superintendent, 1st Grade.*—Appointed Apprentice Draftman, Surveyor-General's Office, Calcutta, 11th August 1854, and to the Great Trigonometrical Survey Department as 3rd class Sub-Assistant, Great Trigonometrical Survey, on 26th April 1855, and posted to Head-quarters Office, Dehra Dun; subsequently, on October 1st of the same year, was attached to the Rahoon Meridional Series; on 1st October 1856, 2nd class Sub-Assistant, transferred to the Jhelum and Rawal Pindi Topographical Survey Party; served with that party up to May 1859; during the recess seasons of 1858 and 1859 of the Jhelum and Rawal Pindi Party was deputed to do field duty with the Kashmir Survey; January 1st, 1860, promoted to 1st class Sub-Assistant; transferred to the Kashmir Survey in June 1859; served with that survey up to 1st October 1864, and was then transferred to the East Calcutta Longitudinal Series; on November 1st, 1865, was posted to the Eastern Frontier Series Party; sick leave from 25th January to 7th September 1866; on return to duty was appointed to the Kumaon and Garhwal Topographical Party 1st May 1867; assisted that party

in the large-scale surveys of Mussoorie, Ranikhet, and Kosi Valley, and subsequently in the survey of the Dehra Dun District; appointed to charge of the Kumaon and Garhwal Party in March 1875; brought the field operations of that party to a close in September 1877, and was relieved of the charge of the party on 1st October 1878; posted to Surveyor-General's Field Head-quarters Office, Dehra Dun, 1st October 1878, and on the 1st January 1879 transferred to the 3rd Division, North-Western Provinces Survey, Revenue Branch; transferred to Darjeeling Party, 1st September 1881; sick leave from 10th December 1883 to 4th January 1884; Officiating Deputy Superintendent, 4th grade, from 6th July 1885 to 14th November 1888; in charge Coast Triangulation Survey, 6th October 1885. Party transferred to Upper Burma to extend the principal triangulation of India into that Province, 1st October 1888; Officiating Deputy Superintendent, 3rd grade, from 16th November 1888 to 6th December 1888. Reverted to Officiating Deputy Superintendent, 4th grade, 7th December 1888; reverted to substantive appointment of Assistant Superintendent, 1st grade, 20th April 1889. Relieved of charge of No. 24 Party, 18th May 1889.

Abstract showing the steps obtained by Mr. E. C. RYALL while in the Survey Department.—Appointed 3rd class Sub-Assistant, 26th April 1855; 2nd class Sub-Assistant, 1st October 1856; 1st class Sub-Assistant, 1st January 1860; Junior Civil 2nd Assistant, 1st July 1862; Senior Civil 2nd Assistant, 1st January 1863; Surveyor, 2nd grade, 1st April 1869; Surveyor, 1st grade, 1st April 1871; Assistant Superintendent, 2nd grade (subsequently on 1st April 1874 designated 3rd grade), 1st April 1873; Officiating Assistant Superintendent, 2nd grade, 7th September 1879; reverted to 3rd grade on 9th October 1879; Officiating Assistant Superintendent, 2nd grade, from 1st November 1879; Assistant Superintendent (new), 2nd grade, 1st July 1882; Officiating Assistant Superintendent, 1st grade, from 1st July 1882 up to 31st January 1883; promoted to Assistant Superintendent, 1st grade, 1st February 1883.

Military Service.—As volunteer during the mutiny; served against the Murree rebels—medal.

Literary Work.—Report on Hundes or Nari Khorsam.

CAPTAIN HUGH MILBOURNE JACKSON, *Royal Engineers, Deputy Superintendent, 4th Grade.*—Received commission in Royal Engineers, 19th June 1877; under instruction at the S. M. E., Chatham, from 19th February 1878 to December 1879; served in the 7th Field Company, Royal Engineers (Chatham), from 20th March 1880 to 1st December 1880; transferred to the Indian Establishment, 1st February 1881; served with the Bengal Sappers and Miners at Roorkee, Calcutta, in the Naga Hills and at Rawal Pindi, from May 1st, 1881, to June 7th, 1883; appointed to Survey of India Department as Assistant Superintendent, 2nd grade, with effect from the 11th June 1883, and to officiate as Assistant Superintendent, 1st grade, from the same date; attached to the Kohat Survey Party; transferred to the Mysore Topographical Survey, 11th October 1883; officiated in charge of that party from 13th February to 19th March 1884; confirmed as Assistant Superintendent, 1st grade, 28th November 1884; on duty, Surveyor-General's Office, Simla, from 6th May 1885; transferred to Basti District (Cadastral) Survey, from 1st September 1885; Officiating Deputy Superintendent, 4th grade, from 5th to 6th November 1885, 3rd February to 8th March 1886, and from 10th March 1886 up to 25th April 1889; confirmed 26th April 1889; transferred to Mysore Topographical Survey, 8th March 1886; in charge of that party from 23rd March 1886, until the completion of the work; transferred to Upper Burma Detachment from 5th November 1886; promoted to Captain, 1st April 1888. In charge No. 20 Party (Burma), from 19th May 1888. Transferred to No. 21 Party (Upper Burma), from 1st November 1888.

CAPTAIN GODFREY BECKETT HODGSON, *Bengal Staff Corps, Deputy Superintendent, 4th Grade.*—First commission as 2nd Lieutenant, 2nd Battalion, Her Majesty's 22nd Cheshire Regiment, 1st May 1878; attached to the Regimental depôt at Buttevant, County Cork, Ireland, till 26th September 1878; arrived in India, 21st October 1878, and joined Regiment at Allahabad; promoted to Lieutenant, 13th November 1878; appointed, on probation, to the Bengal Staff Corps, by Military Department No. $\frac{606\ S.}{A.}$, dated 14th July 1880, and attached as Officiating Wing Officer to 4th Goorkha Regiment then on field service in Afghanistan; appointed permanently to the Bengal Staff Corps, 15th September 1881, with rank from 13th November 1878; Officiating Quarter-Master, 4th Goorkhas, from 23rd December 1880 to 27th February 1883, when he exchanged, at his own request, to 3rd Goorkhas at Almora; served with that regiment, till appointed to the Survey of India Department, as Assistant Superintendent, 2nd grade, on probation, 12th September 1883, and attached to Gujarat Party; confirmed as Assistant Superintendent, 2nd grade, and promoted Officiating 1st grade, 23rd July 1884; appointed to do duty at the Head-quarters, Calcutta, from 8th September 1885; confirmed as Assistant Superintendent, 1st grade, 26th October 1885; Officiating Deputy Superintendent, 4th grade, 21st March 1886 to 23rd November 1887 and from 25th to 29th November 1887;

reverted to Assistant Superintendent, 1st grade, 30th November 1887; Officiating Deputy Superintendent, 4th grade, from 6th January 1888; reverted to Assistant Superintendent, 1st grade, 25th January 1888; Officiating Deputy Superintendent, 4th grade, from 10th February 1888 (afternoon) up to 4th May 1889; confirmed 5th May 1889; promoted to Captain, 1st May 1889; furlough to Europe for 2 years, from 4th March 1889.

War Services.—Afghanistan, from 3rd August to 9th October 1880, as Officiating Wing Officer, 4th Goorkhas—medal.

CAPTAIN SIDNEY GERALD BURRARD, *Royal Engineers, Officiating Deputy Superintendent, 4th Grade*—Obtained his commission as Lieutenant in the Royal Engineers, 6th April 1879; joined at Chatham, 2nd June 1879; Assistant Secretary to Ordnance Committee for Gunnery Experiments, April 3rd, 1881, to December 8th, 1882; landed in India, 10th January 1883; attached to Bengal Sappers and Miners up to 24th March 1883, when appointed to P. W. D., Baluchistan; Personal Assistant to Superintending Engineer and Secretary to Governor General's Agent for Baluchistan, from 2nd April 1883 to 1st September 1884; appointed Assistant Superintendent, 2nd grade, Survey of India, 2nd September 1884; Officiating Assistant Superintendent, 1st grade, from the same date, and posted to Trigonometrical Branch Office; transferred to Astronomical No. 1 Party (Electro Longitude Operations), 9th October 1885; assumed charge of the Party, 24th January 1886; promoted to Assistant Superintendent, 1st grade, 10th March 1886; Officiating Deputy Superintendent, 4th grade, from 21st March 1886 to 13th May 1887, from 15th May to 23rd October, and again from the 4th to 11th November 1887; assumed charge of Astronomical No. 2 Party (Latitude Operations) in addition to that of No. 1 Party, 15th October 1886; made over charge of No. 23 Party (Astronomical II Party) on the 1st October, and that of No. 22 Party Astronomical I on 1st November 1887; doing duty in the Trigonometrical Branch Office from 1st November 1887; Officiating Deputy Superintendent, 4th grade, from 15th February 1888 up to 27th June 1889; Confirmed 28th June 1889; in charge computing party from 10th April 1888; assumed charge of No. 23 Party (Astronomical II), 14th July 1888, and that of No. 22 Party (Astronomical I), 17th idem, and made over charge of both parties on the 1st November 1888; again assumed charge of Nos. 22 and 23 Parties (Astronomical I and II), 3rd May 1889, and of No. 24 Party (Upper Burma), 11th June 1889; promoted to Captain, 1st April 1889.

ANGELO D'SOUZA, *Officiating Deputy Superintendent, 4th Grade.*—Joined the Topographical Survey as 3rd class Sub-Assistant on the 19th February 1856, and was appointed to the Ganjam Topographical Survey; took part in the Survey of Sambalpur and Boad Districts, and assisted in the triangulation of the coast from Pooree to False Point in 1857-58; promoted to 2nd class Sub-Assistant on the 19th February 1859; transferred to the Assam Series, Trigonometrical Survey, 1st September 1859; carried on a minor Series, with a view of fixing the position of Gauhati, and completed a Topographical Survey of the Cossya plateau of about 1,000 square miles in area, on the scale of 4 miles to 1 inch; transferred to the Astronomical Party, Andaman Islands, on 23rd October 1861; promoted to 1st class Sub-Assistant on 8th January 1862; promoted to Senior Sub-Assistant on 18th September 1863; transferred to the Kattywar Party in October 1863; was employed in training the new hands for the Topographical Survey of that country; on account of the severe famine in Kattywar, the survey was placed in abeyance in 1864-65, and was then employed on the approximate work of the triangulation of Nasik District, Bombay Presidency; and in the following season (1865-66) was employed on the approximate work of the triangulation of the Island of Bombay, and also in executing a number of traverses as basis for the Cadastral Survey of Bombay; promoted to Civil 2nd Assistant, junior grade, on 1st January 1865; promoted to Civil Assistant, 4th grade, on the reorganization of the Department on 1st April 1866; was employed in Kathiawar in 1866-67 on the resumption of that survey and continued in the party till 1869; promoted to Surveyor, 3rd grade, in September 1869; furlough from October 1869 to September 1870; transferred to the Gujarat Party on the 27th September 1870; promoted to Surveyor, 2nd grade, on 1st December 1872; promoted to Surveyor, 1st grade, on 1st September 1875; transferred to the Coast Triangulation Party on 1st October 1883, and assumed charge of the party on the 16th October 1883; promoted to Assistant Superintendent, 2nd grade, on the 1st October 1884; appointed to officiate in the 1st grade with effect from the same date; transferred to Raipur District Survey, Central Provinces, from 1st October 1885; transferred to the charge of Sambalpur Detachment, which was raised to a full party from 1st October 1887 and designated No. 13 Party (Betul), Central Provinces, from 11th April 1886; Officiating Deputy Superintendent, 4th grade, from 4th May 1886 to 16th December 1886; confirmed as Assistant Superintendent, 1st grade, 1st January 1887; Officiating Deputy Superintendent, 4th grade, from 1st to 4th January 1887, from 7th June to 25th September 1887, from 11th to 13th April 1888, and from 16th May 1888.

G. B. SCOTT, *Officiating Deputy Superintendent, 4th Grade.*—Joined North-West Frontier Revenue Survey as a junior Sub-Assistant Surveyor on 1st May 1863; season 1863-64, triangulated portions of "Salt Range," District Shahpur; season 1864-65, Revenue Survey District, Eusafzai (Peshawar); seasons 1865-66-67, triangulating District Hazara; promoted to Sub-Assistant Surveyor, 4th grade, 1st January 1866, and to 3rd grade, on 15th December 1866; May to August 1868, plane-tabling sections of Kaghan Valley; promoted to Sub-Assistant, 2nd grade, on 15th December 1869; season 1869-70, attached to Revenue Survey, District Peshawur; season 1870-71, attached to Revenue Survey, District Dera Ghazi Khan; October 1871, transferred to Assam Revenue Survey; passed examination for Senior Division in Calcutta; season 1871-72, triangulated and plane-tabled portion of Mekir Hills, District Nowgong, Assam; promoted to Assistant Revenue Surveyor, 1st grade, 15th December 1871; season 1872-73, attached to District Darrang Revenue Survey; seasons 1873-74-75, Revenue and Topographical Survey of District Goalpara, Assam; promoted to Surveyor, 4th grade, 15th December 1874; during 1875 employed on 16″ Survey of Cinchona Gardens at Darjeeling; season 1875-76, attached to Dhanwar Estate Cadastral Survey, District Hazaribagh; October 1876, transferred to Punjab Revenue Survey, Rawalpindi, and during season 1876-77 triangulated portion of Murree and Kahuta Tahsils; passed H. S. Examination in Hindustani in 1877; season 1877-78, plane-tabled portions of Murree and Kahuta Tahsils, and accompanied Jowaki Expedition; in 1878-79 with Khyber column Afghanistan Field Force; promoted to Surveyor, 3rd grade, 18th July 1879; during 1879-80, attached to Intelligence Branch, Quarter-Master General's Department, Afghanistan; rejoined Punjab Revenue Survey in June 1880; during 1880-81, employed on a 12″ Survey of the butted camp in "The Gullies;" surveyed a portion of country on the Chenab River disputed between Sealkot District and the Kashmir State; triangulated portion of Kala Chitta Range, District Rawal Pindi; during seasons 1882-83-84, attached to Forest Settlement Department, Punjab, to lay down boundaries of reserves in Rawal Pindi District; promoted to Surveyor, 1st grade, 5th September 1883; transferred to Baluchistan Topographical Party, 1st August 1884; during October and November 1884 accompanied Zhob Valley Expedition; promoted to Assistant Superintendent, 2nd grade, officiating 1st grade, 10th November 1884 up to 18th February 1887; in January 1885 deputed to Intelligence Branch of Quarter-Master General's Department, Simla, to compile Military and Railway Map of India; transferred to Bilaspur District (Central Provinces) Cadastral Survey, 1st October 1885; officiated as Deputy Superintendent, 4th grade, 26th October, and from 18th November to 8th December 1886; held charge of No. 2 Bilaspur District Cadastral Survey from 26th November 1886 to 23rd November 1887; confirmed as Assistant Superintendent, 1st grade, 19th February 1887; Officiating Deputy Superintendent, 4th grade, from 8th June to 29th August 1887; appointed to the charge of Srinagar Wards Estate Survey, afterwards called No. 4A Party (Srinagar), from 28th November 1887; Officiating Deputy Superintendent, 4th grade, from 21st June 1888.

War and Trans-Frontier Services.—In 1867, reconnoitred independent hill tracts of Allahi Nandihar, Tikari, and eastern slopes of Black Mountain; repulsed night attack on camp 23rd April.

In 1868, 11th August, repulsed attack by Allahiwal; presented with sword "for gallantry" by Punjab Government; accompanied Black Mountain Expedition—medal and clasp.

In 1869, reconnoitred independent tracts of Chilas and Kohistan between Indus and Kaghan.

In 1870, reconnoitred hill country round Peshawur District; fired on by Hassan Khel.

In 1871, reconnoitred small portion Bhutan hills touching on District Darrang, Assam.

In 1877, accompanied Jowaki Afridi Expedition; services cordially acknowledged by Viceroy, Commander-in-Chief, and Punjab Government.

In 1878-79, with Khyber Column in Afghanistan; present at attack on Ali Musjid, actions of Deh Sarak and Fattehabad; accompanied 1st and 2nd Bazar Valley Expeditions; mentioned in despatches; attacked by Mohmands near Michni while reconnoitring alternative routes to the Khyber; "conspicuous gallantry" displayed on the occasion cordially acknowledged by the Viceroy in Council; ascended summit of Sikaram, Safid-koh, 29th May 1879, and received congratulatory telegram from Commander-in-Chief, as having been the first European who had done so; services during campaign acknowledged by Secretary of State for India, by the Governor General, by the Commander-in-Chief, and by the Punjab Government—medal and clasp; personal allowance of ₹100 per month and special grant of ₹1,000; recommended by Viceroy and Commander-in-Chief for direct Captaincy in Staff Corps, which was disallowed by War Office.

During 1879-80, attached to Quarter-Master General's Department during 2nd Afghan Campaign; completed reconnaissance of Afridi and Mohmand countries; accompanied General

Tytler's Expedition against the Zaimukhts; services acknowledged by Commander-in-Chief mentioned in despatches; during October and November 1884 accompanied Zhob Valley Expedition; services acknowledged by Governor General in Council.

Literary Works.—Reports on Tirah, Mohmand country, and various other parts of Afghanistan. } Intelligence Branch, Q. M. G.'s Department.
"Pathans of the North-Western Frontier." } Blackwood, 1879.
"A Surveyor's Narrative on Afghanistan." }
"Pushto Vocabulary" for Explorers.
"Trans-Frontier Exploration," U. S. I. of India.

JOHN ECCLES, M.A., *Officiating Deputy Superintendent, 4th Grade.*—Appointed by Her Majesty's Secretary of State for India as an Assistant Superintendent, 2nd grade, Survey of India; landed at Calcutta, afternoon. 29th May 1885, and joined the Head-quarters Office on the 30th idem; transferred to the Computing Party, Dehra Dun, 26th July 1885; officiated in charge from 23rd September to 22nd December 1885; Officiating Assistant Superintendent, 1st grade, from 30th May to 19th November 1886, and Officiating Deputy Superintendent, 4th grade, from 20th to 22nd November 1886. Officiating Assistant Superintendent, 1st grade, from 23rd November 1886 up to the present time; transferred to No. 25 Party Tidal and Levelling, 1st November 1887; confirmed as Assistant Superintendent, 1st grade, 11th April 1888; Officiating Deputy Superintendent, 4th grade, 17th July 1888 to 6th January 1889, and again from 20th February 1889. Transferred to the charge of Nos. 22 and 23 Parties (Astronomical I and II), 1st November 1888; made over charge of both parties, 3rd May 1889, but attached to them.

LIEUTENANT JOHN MURCHISON FLEMING, *Bengal Staff Corps, Officiating Deputy Superintendent, 4th Grade.*—Obtained first commission on the 13th August 1879, as 2nd Lieutenant, 25th "King's Own Borderers"; Lieutenant in the same regiment, 21st June 1880; appointed on probation to the Bengal Staff Corps, and attached as Wing Officer to the 22nd Punjab Infantry, 22nd July 1882; appointed Officiating Wing Officer to the 4th Bengal Infantry, 4th October 1882; Officiating Quarter-Master, 4th Bengal Infantry, from 4th September 1883; appointed permanently to Bengal Staff Corps by G. G. O. No. 57 of 8th February 1884; Adjutant in same regiment from 15th April to 28th June 1885; appointed to Survey of India Department as Assistant Superintendent, 2nd grade, sub. *pro tem.*, 3rd July 1885, and on probation, 22nd October 1885; confirmed, 14th May 1887. Transferred to No. 18 Party (Himalaya), 21st September 1886; Officiating Assistant Superintendent, 1st grade, from 14th May 1887; confirmed, 17th July 1888; Officiating Deputy Superintendent, 4th grade, from 1st September 1888 to 22nd October 1888, and from 1st November 1888 to 22nd December 1888; Transferred to No. 3 Party (Nagpur) from 13th November 1888; Officiating Deputy Superintendent, 4th grade, from 20th February 1889.

War Services.—Served with 25th King's Own Borderers in the Khyber Line Field Force from 18th December 1879 to August 31st, 1880; expeditions against Mohmands and into Lughman Valley—medal.

T. ARCHDALE POPE, *Officiating Deputy Superintendent, 4th Grade.*—Second class Inspector of Police, Cuddapah, 17th July 1880 to 1st February 1881; passed the third class test in Telugu, 10th January 1881; probationary 2nd Assistant Superintendent, Madras Survey, doing duty in the Central Office, 2nd February 1881; transferred to No. II Party, Bellary, 9th February 1881; confirmed as 2nd Assistant Superintendent, 1st September 1881; on duty in the Central Office, Madras, 19th December 1881 to 1st March 1882; transferred to No. III Party, Madura, 2nd March 1882; passed the third class test in Tamil, 17th July 1882; transferred to No. I Party for the demarcation and survey of the Madura, Travancore boundary, 1st December 1882; privilege leave from 7th May to 6th July 1883; transferred to No. III Party, Tanjore, 7th July 1883; Acting Assistant Superintendent, 1st class, from 18th March to 18th June 1884; Assistant Superintendent, 1st class, from 3rd September 1884; in charge of Central Office, 1st October to 26th November 1885; Acting Deputy Superintendent, 2nd class, from 1st October to 26th November 1885; transferred to No. III Party, Trichinopoly, 3rd December 1885; privilege leave for 3 months from 1st July 1886; services placed at the disposal of the Government of India from 1st October 1886; Assistant Superintendent, 2nd grade, Survey of India; attached to the Photographic and Lithographic Offices, Calcutta, 14th October 1886; Officiating Assistant Superintendent, 1st grade, 14th October 1886 to 13th November 1888; Officiating Deputy Superintendent, 4th grade, from 14th November 1888; reverted to Officiating Assistant Superintendent, 1st grade, 7th December 1888; confirmed, 15th February 1889; Officiating Deputy Superintendent, 4th grade, from 27th March 1889.

B. Lieutenant T. F. Renny-Tailyour, *Royal Engineers, Officiating Deputy Superintendent, 4th Grade.*—Received commission in Royal Engineers, 14th February 1883. Under instructions at the S. M. E., Chatham, from 28th March 1883 to 3rd January 1885. Transferred to the India Establishment, 2nd March 1885. Served with the Bengal Sappers and Miners at Roorkee from 4th April to 22nd September 1885; joined Military Works Department as Assistant Engineer, 2nd grade, sub. *pro tem.*; promoted to Assistant Engineer, 2nd grade, permanent, on 4th March 1886; passed prescribed examination for promotion to 1st grade on 1st January 1887; and passed colloquial examination in Hindustani, on 3rd January 1887; promoted Assistant Engineer, 1st, sub. *pro tem.*, on 7th January 1887; promoted Assistant Engineer, 1st grade, permanent, on 1st November 1887; joined the Survey Department as Assistant Superintendent, 2nd grade, on the afternoon of 31st March 1888, and was attached to No. 21 Party (Upper Burma); Officiating Assistant Superintendent, 1st grade, from 1st January 1889; confirmed, 26th March 1889; Officiating Deputy Superintendent, 4th grade, from 20th April 1889.

War Services.—Attached to (Queen's Own) Sappers and Miners, from 30th October 1885, for active service in Upper Burma, and was appointed an Assistant Field Engineer, Upper Burma Field Force, from 16th November 1885 to 31st March 1888. Accompanied the force under General Sir H. Prendergast, K.C.B., and was present at the taking of Mandalay; mentioned in despatches of Major-General Sir G. White, K.C.B., V.C.; was thanked by the Commander-in-Chief for Intelligence work in the field—medal with clasp.

Lieutenant R J. H: L. Mackenzie, *Royal Engineers, Officiating Deputy Superintendent. 4th Grade.*—Received his commission as Lieutenant, Royal Engineers, 25th July 1882. Arrived in India on the afternoon of the 2nd February 1887. On arrival in India was posted as attached Officer, Baluchistan Command, Military Works, and permanently posted to the Quetta Division. Posted to the Military Works Department as Assistant Engineer, 2nd grade, on the 7th March 1887. Elected to be paid according to the consolidated rate of pay in the Military Works Department. Passed the examination for promotion to Assistant Engineer, 1st grade, prescribed in paras. 9 to 13, Chapter II, Public Works Department Code, on 21st August 1887. Promoted from Assistant Engineer, 2nd grade, temporary, to Assistant Engineer, 2nd grade, permanent, from 1st November 1887. Reported his departure from the Quetta Division, Military Works, on the forenoon, 26th March 1888. Joined the Survey Department as Assistant Superintendent, 2nd grade, on the forenoon of 26th March 1888, and was attached to No. 16 Party (Baluchistan II) Transferred to No. 15 Party (Baluchistan) from 1st October 1888. Officiating Assistant Superintendent, 1st grade, from 1st January 1889; confirmed, 27th March 1889; Officiating Deputy Superintendent, 4th grade, from 7th May 1889.

F. Grant, *Assistant Superintendent, 1st Grade.*—Appointed Junior Sub-Assistant Surveyor, 11th July 1856, and posted to the 1st Division, Central Provinces Revenue Survey at Jubbulpore; transferred with the Party during the Mutiny to the Survey of Nagpur and Wardha Districts, 1st November 1857; promoted to Sub-Assistant Revenue Surveyor, 3rd class, 1st June 1858; retransferred to Jubbulpore, 1st November 1860, and entrusted with charge of a minor camp, 1st January 1861; promoted to Sub-Assistant Revenue Surveyor, 2nd class, 1st April 1860, and received charge of a full camp, 1st November 1861; promoted to Sub-Assistant Revenue Surveyor, 1st class, 1st April 1862, and employed up to season 1873-74 in the Survey of Districts Narsingpur, Seoni, Hoshungabad, Chindwara and Betul in the Central Provinces, including one season's detached work in the Charwa Waste-land in District Hoshungabad; promoted to Assistant Revenue Surveyor, 3rd class, 1st January 1864; promoted to Civil Assistant Surveyor, 4th grade, 1st April 1866; promoted to the Surveyor, 3rd grade, 1st April 1869; promoted to Surveyor, 2nd grade, 1st April 1872; transferred with Party, now converted to the 8th Division, Western Soane Irrigation Survey, to District Arrah, 1st November 1874, and employed there till completion of the work in 1877-78, and had temporary charge of the Party for 3 months from 28th August to 26th November 1876; transferred to No. 6 Topographical Survey Party in South Sylhet to carry out some Revenue Topographical work, 1st November 1878; retransferred to the 2nd Division, Rohtak and Sirsa Survey, from 6th June 1879; transferred on 1st November 1879 to the Hanthawaddy District Cadastral Survey, British Burma, No. 2 Party, and was employed there and in the Revenue Topographical Survey of portion of District Shwegyn till season 1884-85; promoted to Surveyor, 1st grade, 22nd February 1883; transferred with Party back to India to the Bilaspur District Cadastral Survey, 1st November 1885; appointed to temporary charge of No 9 Jubbulpore Traverse Party, for 3 months, from 3rd August 1888 to 2nd November 1888; rejoined No. 2 Bilaspur Cadastral Party, 17th November 1888; appointed Assistant Superintendent, 2nd grade, 16th May 1889; Officiating Assistant Superintendent, 1st grade from the same date; confirmed 28th June 1889.

LIEUTENANT W. J. BYTHELL, *Royal Engineers, Assistant Superintendent, 2nd Grade.*—Received commission in Royal Engineers, 25th July 1882. Served in South Africa, November 1884 to October 1886; posted to Indian Establishment, and joined Bombay Sappers and Miners at Kirkee in October 1886; transferred to State Railways as Assistant Engineer, 2nd grade, July 1887; joined Sind-Pishin State Railway, 20th July 1887; served on Chaman extension at Killa Abdulla and Khojak Pass until 22nd May 1889; joined Survey Department, 29th May 1889.

War Services.—With Expedition to Bechuanaland under Sir Charles Warren, 1884-85, as Survey Officer, and served in Topographical and Intelligence Departments and on Transvaal Boundary Survey; honorably mentioned.

Statements of Services of the Geological Survey Officers.

Corrected up to 1st July 1889.

MR. WILLIAM KING, B.A., D.SC. (*Royal, Ireland*) F G.S.—Engaged in England by Dr. Oldham, and joined appointment as Assistant on the Geological Survey on 4th March 1857; in May 1858, attached to Madras Party in the Nilgiri Hills and South Arcot; 1859, Trichinopoly and Tanjore; 1860, Salem and Coimbatore; 1861, Kadapah District; 1862, North Arcot, Kadapah and Nellore, arranged the rock collections in the Madras Central Museum; 1863, Madras, North Arcot, and Nellore, delivered three public lectures at Nellore on the Geology of the District; 1864, Kadapah, Bellary, and Karnul Districts, delivered a course of lectures on Geology at the Civil Engineering College, Madras; 1864-65, Kadapah, Karnul and Raichur Doab; 1865-66, Kadapah and Karnul Districts, placed in the 2nd grade on the introduction of grading in May 1866; 1866-67, Bellary District; 1867, 1868, and 1869, Kadapah and Kistna Districts; appointed Deputy Superintendent for Madras, 15th November 1868; furlough from 17th September 1869 to 16th December 1870; 1870-71, Raichur Doab and Bhima Valley; officiated in the 1st grade from 13th June to 3rd December 1871; 1871-72, Godavari District and Nizam's Territories; discovered Singareni coal-field; 1872-73, Godavari and Vizagapatam Districts; deputed to Vienna in joint charge of the survey collections at the Exhibition; officiated in the 1st grade from 19th September 1872 to 20th April 1875; 1873-74, Godavari and Kistna Districts; 1874-75, Wynaad gold-field and Godavari District; promoted to 1st grade on 21st April 1875; 1875, 1876, 1877, 1878, and 1879, Godavari and Sirouncha Districts and Nizam's Dominions, also the Wynaad gold-fields; 1880-81, Malabar Coast; furlough from 10th May 1881 to 9th July 1883; 1883-84, Chhattisgarh; Fellow of the Madras University, and Member of the Faculty of Engineering, 1884; officiated as Superintendent from 7th May to 12th November 1884; 1884-85, Chhattisgarh; designation changed to Superintendent of the Geological Survey of India; 1885-86-87, Chhattisgarh; appointed Director on 27th April 1887; 1887-88, extension of service granted for one year to July 1889; Darjiling Coal Field, Karharbali Coal Field, Jabalpur District, Rawalpindi oil, Dandot colliery, Baluchistan coal and oil, Madras coal, diamond and gold fields, and Office; 1888-89, extension of service granted to July 1890; Mohpani Coal Field, Sub and Lower Himalaya, Salt Range and Office.

Has contributed to the Survey publications 5 Memoirs and 24 Records.

MR. ROBERT BRUCE FOOTE, F.G.S.—Engaged in England for the Geological Survey; joined as Assistant on the 28th September 1858, deputed to Madras; 1859, in Trichinopoly, South Arcot, and Tanjore; 1860 and 1861, in Salem, Trichinopoly, and South Arcot; delivered a course of public lectures on Geology at the Civil Engineering College, Madras; 1862, in Salem, Coimbatore, South Arcot, and Chingleput, delivered a course of public lectures on Geology in the Civil Engineering College, Madras; 1863, North Arcot, Salem, Chingleput, arranged the palæontological collections in the Madras Museum; 1864, in Chingleput and North Arcot; 1865, in Kadapah, Karnul, Nizam's Territory; 1866, in Karnul, Nellore; placed in the 2nd grade on the introduction of grading in May 1866; 1867, in Nellore, Karnul, Kistna; leave on medical certificate from 29th May 1867 to 22nd October 1868; 1868-69, in Kistna District and Nizam's Territories; 1869-70, in Bellary, Nizam's Territories, Kaladgi; 1870-71, in Bellary, Nizam's Territories, Kaladgi, Belgaum; 1871-72, in Nizam's Territories, Kaladgi, Belgaum, Ratnagiri, Kolhapur; 1872-73, in Bellary, Dharwar, Kaladgi, Sholapur; deputed to Vienna Exhibition in joint charge of the survey collections; officiated in the 1st grade from 16th July 1873 to 17th December 1874; 1873-74, in Kaladgi, Belgaum, Kolhapur, Dharwar; examined the Dambal gold region; 1874-75, in Nellore; 1875, 1876, and 1877, in Nellore and Kistna; promoted to the 1st grade on 1st April 1876; 1877, 1878, and 1879, Trichinopoly, Tanjore, Pudukotta, Madura; furlough from 13th May 1879 to 6th December 1880; 1880-81, Madura, Tinnevelly; officiated as Deputy Superintendent from 7th December 1880 to 13th June 1881; appointed Deputy Superintendent from 14th June 1881; 1881-82, Tinnevelly; held charge of the current duties of the Office of the Superintendent, Geological Survey, from 23rd July to 22nd October 1882; 1882-83, Madura and Karnul; 1883-84, Karnal, Hyderabad and Bellary; Fellow of the Madras University and Member of the Faculty of Engineering, 1884; 1884-85, Bellary; designation changed to Superintendent of the Geological Survey of India; 1885-86, Bellary; 1887, deputed to examine principal

auriferous tracts in behalf of the Mysore Durbar, Bellary; officiated as Director from 27th June to 26th September 1887; 1888-89, Bellary and Kurnool Districts, Raichur Doab; extension of service granted to September 1890.

Has contributed to the Survey publications 5 Memoirs, 19 Records, and 1 Palæontologia Indica; also translation from the German of two papers by Dr. Waagen on the geographical distribution of fossil organisms in India, and on the carboniferous glacial period.

MR. THEODORE WILLIAM HUGHES HUGHES, C.E., A.R.S.M., F.G.S.—Appointed in England by the Secretary of State on 16th October 1862; joined the Survey as Assistant on the 11th November 1862; 1862-63, in the Sone Valley; 1863-64, the Jherria coal-field; 1864-65, the Bokaro coal-field; 1865, 1866, 1867, and 1868, the Káranpura, Deogarh, Karharbári, Ithkuri and Daltonganj coal-fields; 1868, 1869, 1870, and 1871, the Wardha Valley coal-fields; passed in the vernacular on the 3rd August 1868; reported for Government, North-Western Provinces, on roofing slates for barracks, Ranikhet, 1869; accompanied Governor General (Lord Mayo) during tour of Wardha Valley coal-field and opening of Mayo colliery, March 1870; reported for Government, Central Provinces, on lead ore at Sleemanabad, June 1870; pointed out over 20 sites for bore holes in the districts of Chanda and Wún—coal proved in all; also assisted officers of His Highness the Nizam to select positions; leave on medical certificate from 1st July 1871 to 8th November 1872; 1872-73, Bandar and Wardha coal-fields; on special duty with Mr. Banerman, visiting the iron deposits of the Central Provinces; officiated as Deputy Superintendent from 9th November 1872 to 17th December 1874; during July to September 1873, made a trip in Tibet by Niti and Milam; in October 1873, reported on the Kumaon iron ores; in November 1873 reported for the Bengal Iron Company on the Raniganj Field; 1873-74, Wardha Valley coal-field; recommended and indicated sites for borings in the Bandar Field which proved coal; received thanks of Government, Central Provinces; reported for Messrs. Apcar and Company on boring sites in the Raniganj Field, also for Messrs. Burn and Company on the Birbhum iron ores; 1874-75, the Pranhita and Jangaon Valleys, and the Wún coal-fields; 1873-74-75, indicated more bore sites in Wún District; promoted to the 2nd grade from 21st April 1875; 1875-76, the Godavari Valley; visited the Mohpani coal-field, and the trial borings for coal at Khappa and Moran River; accompanied the Superintendent during his observations of underground temperature; 1876-77, completed survey of the Kota-Maleri area; recommended borings for coal at Sandrapali,—Godavari River; reported for Bengal Coal Company on supposed occurrence of coal south of Karharbari Field; leave on furlough from 1st November 1877 to 14th October 1879; officiated in the 1st grade from 15th October 1879 to 6th December 1880; officiated as Deputy Superintendent for Bombay from 3rd April to 6th December 1880; 1879-80, 1880-81, 1881-82-83, South Rewah coal-fields; again visited Mohpani coal-field, and inspected new sinking, August 1880; officiated in the 1st grade and as Deputy Superintendent from 17th March 1881 to 7th June 1882; urged borings for coal at Umaria-Khalesar, Rewah State, and in valley of the Johilla River; pointed out sites which proved coal over large area, January 1882; reported for Government, Central Provinces, on coal outcrops in Mahanadi, Jabalpur District, May 1882; leave on furlough from 8th June 1882 to 22nd February 1883; officiated in 1st grade from 23rd February to 10th April 1883; officiated as Deputy Superintendent from 23rd February to 10th May 1883; promoted to 1st grade on 11th April 1883; superintending Rewah coal explorations from 1st March 1883; 1883-84, Korea and Jhilmilli; officiated as Deputy Superintendent from 29th April to 12th November 1884; in May 1884, reported for Messrs. Schœne, Kilburn and Co. on coal near Jainti River; received thanks of the Central India Agency; services placed at the disposal of the P. W. Department, Government of India, as Superintendent of the Umaria coal estate, with a deputation allowance of Rs. 200 a month, from 18th December 1884 to 31st December 1885; designation changed to Deputy Superintendent of the Geological Survey of India; 1886, South Rewah; officiated as Superintendent, 1st grade, from 27th April to 19th May 1886; furlough from 20th May to 24th November 1886; deputed to Hyderabad with consent of Secretary of State for India, to examine the country in behalf of the Hyderabad Deccan Co. from 25th November 1886 to 30th September 1888; appointed Superintendent on 27th April 1887; 1888-89, deputed to Perak and Mergui on tin exploitation.

Has contributed to the Survey publications 9 Memoirs and 21 Records.

MR. CARL LUDOLF GRIESBACH, C.I.E., F.G.S.—Appointed by the Secretary of State in England on 26th September 1878; joined as 3rd grade Assistant on 11th November 1878; took up the survey of the South Rewah coal-fields in November 1878; 1879, Himalayas; 1880, deputed to Afghanistan to report on gold at Kandahar and petroleum at Sibi; passed in the vernacular on 15th September 1880; officiated in the 2nd grade from 13th March to 7th November 1880; officiated in the 2nd grade from 17th March 1881 to 24th January 1883; 1881, Kumaun, Himalayas and Europe on duty; 1882-83, Garhwal and Himalayas; promoted to 2nd grade on 25th January 1883; accompanied Takht-i-Suleiman Expedition in December 1883; 1883-84-85-86, Punjab; attached to Afghan Boundary Commission; officiated in 1st grade and as Deputy

Superintendent from 7th May to 7th November 1884; designation changed to Deputy Superintendent of the Geological Survey of India; returned to India and rejoined the Geological Survey of India on 1st November 1886; officiated as 1st grade Superintendent from 1st to 24th November 1886; 1886-87, Office; appointed C.I.E. on 16th February 1887; officiated as Superintendent from 27th April 1887 to 13th January 1888; services placed at the disposal of the Foreign Department from 14th January 1888 for deputation as Geologist to H. H. the Amir of Kabul; promoted to be Deputy Superintendent, 1st grade, from 13th July 1888.

Has contributed to the Survey publications 2 Memoirs and 10 Records.

War Services.—On 6th March 1880 was deputed on special service under the orders of the General Commanding Southern Afghanistan; was present at the action of Girishk, 14th July, and the battle of Maiwand, 27th July; attached as Lieutenant to the 66th Regiment, Kandahar Field Force, Order No. 271, dated 29th July 1880, and was present throughout the siegé of Kandahar and the battle of Kandahar, 1st September 1880; favourably mentioned in despatches; received the acknowledgment of the Government of India—medal and clasp.

MR. RICHARD DIXON OLDHAM, A.R.S.M., F.G.S.—Appointed in Europe by the Secretary of State on 6th November 1879; joined as 3rd grade Assistant on 17th December 1879; took up work in the Godavari Valley; 1880-81, Jaunsar and Sirmur; passed in the vernacular on 1st August 1881; 1881-82, on special service to Manipur; officiated in 2nd grade from 14th June 1881 to 10th April 1883; 1882-83 to 1883-84, Jaunsar and Andamans; promoted to 2nd grade on 11th April 1883; 1884-85, Andamans, on duty in Australia for 35 days after expiration of privilege leave, and North-East Rajputana; designation changed to Deputy Superintendent of the Geological Survey of India; 1885-86, North-East Rajputana; officiated as Superintendent, 1st grade, from 20th May to 31st October 1886; services placed at the disposal of the Foreign Department in connection with the mission to Tibet from 29th May to 8th August 1886; 1886-87, Rajputana, Himalayas, and Alwar; officiated as Deputy Superintendent, 1st grade, from 28th December 1887 to 13th January 1888; officiated as Superintendent from 14th January to 25th October 1888; officiated as Deputy Superintendent, 1st grade, from 26th October 1888; 1888-89, Rajputana and Himalayas.

Has contributed to the Survey publications 4 Memoirs, 20 Records, and Bibliography of Indian Geology.

MR. PRAMATHA NATH BOSE, B.SC (*Lond.*), F.G.S.—Appointed in Europe by the Secretary of State on 16th May 1880; joined as 3rd grade Assistant on 30th July 1880; 1880-81, 1881-82, 1882-83, Lower Narbada Valley and Chhattisgarh; officiated in 2nd grade from 2nd March 1882 to 31st March 1884; promoted to 2nd grade from 1st April 1884; 1883-84, Chhattisgarh; 1884-85, Raipur; designation changed to Deputy Superintendent of the Geological Survey of India; 1885-86-87, Chhattisgarh; officiated as Deputy Superintendent, 1st grade, from 14th January to 25th October 1888; 1888-89, Jabalpur and Balaghat.

Has contributed to the Survey publications 1 Memoir and 6 Records.

MR. THOMAS HENRY DIGUES LATOUCHE, B.A. (*Cantab.*)—Appointed in Europe by the Secretary of State on 11th October 1881; joined in India as 3rd grade Assistant on 29th November 1881; 1881-82, Garo Hills; passed in the vernacular on 5th June 1882; officiated in 2nd grade from 8th June 1882 to 17th November 1884; 1882-83 to 1883-84, Assam; officiated in 2nd grade from 22nd November 1884 to 27th April 1887; 1884-85, accompanied North-East Frontier Exploration party, and Assam; 1885-86-87, Assam; appointed 2nd grade Deputy Superintendent from afternoon of 27th April 1887; deputed to Kashmir to inspect sapphire mines from 29th July 1887 to 8th February 1888, and from 1st April to 6th December 1888; 1889, Assam.

Has contributed to the Survey publications 10 Records.

MR. EDWARD JAMES JONES, A.R.S.M.—Appointed in Europe by the Secretary of State on the 20th September 1883; joined in India as 3rd grade Assistant on the 29th December 1883; 1884, Korea, Jhilmilli, and Chhindwara; passed in the vernacular on 2nd June 1884; officiated in 2nd grade from 29th April to 12th November 1884; 1884-85, Chhindwara, deputed to Kashmir to report on earthquake; 1885-86, Chhindwara and Burma; officiated as Deputy Superintendent, 2nd grade, and as Curator, from 27th April to 24th November 1886; 1886-87, Burma; officiated as Deputy Superintendent, 2nd grade, and as Curator from 28th June 1887 to 12th July 1888; promoted to be Deputy Superintendent, 2nd grade, from 13th July 1888; continued to act as Curator from 13th July to 25th October 1888; 1887-88, Head Quarters; 1888-89, Head Quarters, and Baluchistan; Officiated as Curator from 22nd June 1889.

Has contributed to the Survey publications 1 Memoir and 4 Records.

MR. CHARLES STEWART MIDDLEMISS, B.A. (*Cantab.*)—Appointed in Europe by the Secretary of State on the 20th September 1883; joined in India as 3rd grade Assistant on the 29th December 1883; 1884, Jaunsar and Kumaun; officiated in 2nd grade from 7th May to 7th November 1884; passed in the vernacular on 6th October 1884; 1884-85, Kumaun, deputed to report on the Bengal earthquake; 1885-86, Kumaun; officiated as Deputy Superintendent, 2nd grade

from 20th May to 8th November 1886; 1886-87, Kumaun; officiated as 2nd grade Deputy Superintendent from 27th April 1887 to 31st March 1889; 1888-89, Kumaun; promoted to be Deputy Superintendent, 2nd grade, from 1st April 1889.

Has contributed to the Survey publications 8 Records.

MR. FRITZ NOETLING, PH.D. (*Berlin U.*)—Appointed in Europe by the Secretary of State on 20th January 1887; joined in India as Palæontologist on 17th February 1887; 1887, Head Quarters; 1888-89, Burma; passed in Hindustani by the Lower Standard on the 1st October 1888 at Mandalay.

Has contributed to the Survey publications 1 Record.

MR. PHILIP LAKE, B.A. (*Cantab.*)—Appointed in Europe by the Secretary of State on 9th December 1886; joined in India as 3rd grade Assistant Superintendent on the afternoon of 27th September 1887; 1887-88-89, Bellary and Malabar; passed in the Vernacular by the Lower Standard on the 2nd July 1888 at Bellary.

MR. PARVATI NATH DATTA, B.SC. (*Lond.*), F.G.S.—Appointed in Europe by the Secretary of State on 27th April 1888; joined as 3rd grade Assistant Superintendent on the 25th June 1888; 1888-89, Head Quarters and Himalayas; passed in the Vernacular by the Lower Standard on the 1st July 1889 at Calcutta.

MR. WILLIAM ROBERT BION.—Joined the Survey as Librarian on 12th December 1870; appointed Head Clerk as well as Librarian on 1st August 1873; appointed Registrar on 31st December 1878; compiled and carried through the press a catalogue of the books in the Library of the Geological Survey of India, 1884; furlough from 18th April to 28th September 1885.

LALA KISHEN SINGH.—Joined the Survey as an Apprentice on 7th January 1874; 1874-76, Museum, Calcutta; 1876-77, 1877-78, and 1878-79, Sub-Himalaya; appointed Sub-Assistant on 1st April 1879; 1879-80, Punjab; 1880-81 to 1883-84, Gwalior; furlough from 1st October 1884 to 30th September 1885; 1885-86, Malwa, Mandla, and Seoni; 1887-88-89, Chhindwara and Balaghat.

LALA HIRA LAL.—Joined the Survey as an Apprentice on 7th January 1874; 1874 to 1876, Museum; 1876-77, Sind; 1877-78, Satpura and Museum; 1878-79, Museum and Sirguja; appointed Sub-Assistant on 1st April 1879; 1879-80, Museum; 1880-81 to 1882-83, Museum and South Rewah; 1883-84, Korea, Jhilmilli, and Chhattisgarh; 1884-85-86-87, Chhattisgarh; 1888-89, Sirguja.

MR. THOMAS RAMSAY BLYTH.—Joined the Survey as Museum Assistant on 1st March 1884.

REVENUE AND AGRICULTURAL—ARCHÆOLOGICAL SURVEY.

JOSEPH DAVIDITCH BEGLAR, born at Chinsura 1845; educated at Dacca Engineering College, entered Public Works Department 24th August 1863, as probationery Assistant Engineer on R100 per mensem and house-rent R20 from 22nd December 1863; R150 from 1st October 1864 to 30th April 1865; raised to 3rd grade, 1st May 1865, on R200 to 9th May 1867; permanent, 2nd grade, 10th May 1867 to 28th February 1869, with deputation allowances R137-8, 5th November 1868 to 28th February 1869; Assistant Engineer, 1st grade, on R400 to 31st August 1870, and R450 from 1st September 1870 to 28th February 1871; Assistant in Archæological Survey of India on R500 from 1st March 1871 to 31st December 1879; retired on pension of R2,000 per annum and R6,000 gratuity; re-joined as Archæological Surveyor for Bengal, 1st October 1885, on R600 with annual increments of R25 for five years.

While under General A. Cunningham, Mr. Beglar wrote the following:—

(1).—Report on Delhi, 1871-72, forming the first portion of Vol. IV, of the Archæological Survey Reports.

(2).—Report of a tour in Bundelkhand and Malwa, 1872-73, and in Central Provinces, 1873-74, in Vol. VII of the same.

(3).—Report of a tour through the Bengal Provinces in 1872-73, in Vol. VIII of the same.

(4).—Report of two tours in the south-eastern Provinces in 1874-75 and 1875-76, in Vol. XIII of the same.

CHARLES JAMES RODGERS, *Archæological Surveyor*, Punjab Circle.—Arrived in Amritsar December 15th, 1863; was for 22 years Principal of the Normal School of the Christian Vernacular Education Society for India; gazetted Archæological Surveyor, Punjab Circle, 1st October 1885; took up that appointment, January 1st, 1886; has written the following papers in the Journal of the Asiatic Society of Bengal—(1) On the death of Humāyūn; (2) on the Coins of Khusrau Shah and Khusrau Malik; (3) the copper coins of the old Maharajahs of Kashmir; (4) the copper coins of the Sultans of Kashmir; (5) the coins of the Maharajahs of Kāngra; (6) coins supplementary to Thomas' Chronicles of the Pathan Kings of Delhi [there are four papers published up to the present, each with two plates]; (7) copper coins of Akbar; (8) Guzni coins struck in Lahore; (9) the coins of the Sikhs; (10) Indian coins of Ahmad Shāh Durrānī; (11) on some more copper coins of Akbar; (12) rupees of Ranjit Deo of Jummūn; (13) on Nisārs; (14) rupees of the months of the Ilahi years of Akbar; (15) on some coins from Kandahar; (16) on the coins mentioned by Major Raverty in his notes to the translation of the Tabaqāt i Nasiri; (17) on Persian couplets on the coins of Jahāngīr; (18) on Persian couplets on the coins of the successors of Jahāngīr; (19) on miscellaneous rare coins.

In Numismatic Chronicle "on some coins of Nādir Shāh struck in India."

In Journal of Royal Asiatic Society "Coins of Shamsud Dīn Mahmud Shāh."

In Indian Antiquary "The rupees of the Suri Dynasty," The Punjab Magazine "How Coins illustrate History." Calcutta Review "Portable Indian Antiquities" and "Amritsar in 1881."

Is Associate Member, Asiatic Society of Bengal, Member of the Royal Asiatic Society and Numismatic Society of London and Fellow of the Punjab University.

In 1886 surveyed the Gurdaspur District and discovered and exhumed a large temple in Nurpur Fort, Kangra District. In 1886-87 surveyed the temples of the Kulū valley and Kangra District. In 1887-88, the Hisār and Rohtak Districts, together with Sonpat.

Has received on several occasions the thanks of the Punjab Government for Educational Work and for work in connexion with the Lahore Museum.

Has assisted in forming the coin cabinets in the Lahore Museum, the Government Central Museum, Egmore, Madras, and the British Museum, London.

REVENUE AND AGRICULTURAL—METEOROLOGICAL DEPARTMENT.

JOHN ELIOT.—Appointed by the Secretary of State in May 1869, Professor of Mathematics in Thomason Engineering College, Roorkee. Joined his appointment on 29th December 1869. Acted as Meteorological Reporter to the Government of the North-Western Provinces from 16th January 1871 to 12th February 1872. Was transferred to the Education Department, North-Western Provinces, and placed in the 4th grade in July 1872, and attached as Professor of Mathematics in the Muir College, Allahabad. Was appointed Meteorological Reporter to the Government of the North-Western Provinces on 1st November 1874. Transferred to the Bengal Education Department from 29th February 1876, and placed in the 3rd grade. Also appointed on the 24th March 1876 Meteorological Reporter to the Government of Bengal. Was appointed to the Presidency College as Professor of Physics. Privilege leave for 2 months and 8 days from 16th February 1877, and promoted temporarily to 2nd grade in the Education Department on 14th May 1877. On deputation to act as Meteorological Reporter to the Government of India for 10 months 9 days from 8th April 1878. Rejoined his appointment in the Presidency College on 20th January 1879. Promoted to 2nd grade substantive *pro tem.* on 6th December 1879. Privilege leave for 3 months from 5th August to 4th November 1880. Confirmed in 2nd grade with effect from 15th March 1881. Officiated as Principal of the Presidency College from 30th December 1882 to 4th August 1883 and as Registrar of the Calcutta University during the same period. Privilege leave for 3 months from August 5th to 1st November 1883. On furlough for 21 months from 10th December 1884 to 24th September 1886. On deputation from 1st May 1887 to act as Meteorological Reporter to the Government of India. Appointed Meteorological Reporter to the Government of India from 7th May 1889.

W. L. DALLAS.—Appointed by the Right Honourable the Secretary of State on the 18th July 1882; arrived in India on September 5th, 1882; gazetted and joined appointment as Assistant Meteorological Reporter to the Government of India, September 11th, 1882; employed in the preparation of the daily weather reports and charts, and on the reduction, charting, and discussion of the Meteorological Registers of the Indian seas; appointed Meteorological Reporter to the Government of the Punjab, 1st December 1885, in addition to other duties.

Original Discussions:—The temperature of the British Isles (Popular Science Review, 1880).
Sunspots and British Weather (ditto ditto, 1881).
Meteorology of the southern portion of the Bay of Bengal, 1884.
The specific gravity of the waters of the Bay of Bengal, 1885.
Weather Charts of the Bay of Bengal, 1887.
Weather Charts of the Arabian Sea, 1888.
Memoir on the winds and monsoons of the Arabian Sea, 1887.

REVENUE AND AGRICULTURAL—INDIAN MUSEUM.

MR. J. WOOD-MASON, *Superintendent.*—Educated at Charterhouse and Queen's College, Oxford. Joined the Indian Museum as Assistant Curator on October 12th, 1869, having been specially selected for the post by Professor Huxley and Sir Joseph Hooker, K.C.S.I.; granted leave on urgent private affairs without pay from March 1870 to October 20th, 1870; appointment sanctioned by Her Majesty's Secretary of State for India, July 9th, 1870; appointed to act as Curator from October 25th, 1870, to March 17th, 1871; deputed to study and to collect specimens of the marine fauna of the Bay of Bengal at the Andaman Islands from April to June 17th, 1872; appointed to act as Curator from September 10th to October 7th, 1872; appointed to act as Assistant Secretary to the Trustees in addition to his other duties; granted one month's privilege leave to collect for the Museum at the Nicobar Islands from 1st to 31st March 1873; acted as Curator from July 9th, 1873, to May 29th, 1876, and as Professor of Comparative Anatomy and Zoology in the Medical College of Bengal, for the same period; designation changed from "Assistant Curator" to "Deputy Superintendent," March 15th, 1877; acted as Assistant Secretary to the Trustees in addition to his other duties from April 1st to July 23rd, 1877; two years' furlough on medical certificate from July 23rd, 1877, to July 26th, 1879; acted as Superintendent from December 19th, 1879, to November 30th, 1880, and as Professor of Comparative Anatomy and Zoology in the Medical College for the same period; one month's privilege leave from September 11th to October 7th, 1880; deputed to Assam to make a scientific investigation regarding the insect pests of the Tea-plant (Report) March 17th to November 1881; acted as Superintendent from November 24th, 1881, to April 13th, 1882; acted as Assistant Secretary to the Trustees in addition to his other duties from February 25th, 1882, to September 9th, 1882; furlough to Europe on medical certificate from September 9th, 1882, to March 21st, 1884; acted as Superintendent from March 22nd to December 8th, 1884, and as Professor of Comparative Anatomy and Zoology at the Medical College for the same period; reappointed on February 21st, 1885, to act in these same two offices; appointed substantively *pro tem.* to the Chair of Comparative Anatomy in the Medical College with effect from June 6th to December 17th, 1886; deputed to the Silk districts of Bengal to investigate the nature and causes of the diseases amongst the silk-worms, and submitted Preliminary Report of his investigations, January 3rd, 1887; appointed Superintendent of the Indian Museum substantively *pro tem.* with effect from 6th June, 1886 to 6th May, 1887; confirmed in the appointment of Professor of Comparative Anatomy in the Medical College, Calcutta, 17th June, 1887; received the thanks of the Government of India for his services in connection with the Colonial and Indian Exhibition, London, 1886; confirmed in the appointment of Superintendent of the Indian Museum from the date of Dr. Anderson's retirement, July 1887; appointed a Fellow of the University of Calcutta, 13th January 1888; deputed as Naturalist on board Her Majesty's Indian Marine Steamer "Investigator," 5th April to 12th May 1888.

Is author of reports on "The Tea-mite and the Tea-bug of Assam," London, 1884; on the *Paraponyx oryzalis*, an insect pest of the rice-plant in Burma, Calcutta, 1885; on the Rice-fly of Bengal, 1880, for which he received the thanks of the Government; and on the diseases of Bengal silk-worms and of very numerous original papers on different branches of Zoology and Comparative Anatomy published in the Transactions of the Zoological, Geological, and Entomological Societies of London, and of the Asiatic Society of Bengal, and in the Annals and Magazine of Natural History, between the years 1868 and 1889. Is also author of a "Catalogue of Mantodea," Part I, Calcutta, 1889.

MR. W. L. SCLATER, B.A., F.Z.S., *Deputy Superintendent.*—Educated at Winchester and Keble College, Oxford; 1st Class Natural Science, 1886; appointment sanctioned by Her Majesty's Secretary of State for India, 25th August 1887. Joined the Museum as Deputy Superintendent, 21st November 1887; held charge of the office of Superintendent while that officer was in deputation, 5th April to 12th May 1888; and of the office of First Assistant to the Superintendent while that officer was on leave, 1st September to 31st October 1888.

MR. E. C. COTES, *1st Assistant to the Superintendent.*—Joined the Museum on April 12th, 1884, having been selected as an Assistant for the Entomological Department by Her Majesty's Secretary of State for India, and was confirmed in his appointment, June 14th, 1886; privilege leave from 21st February to 9th March, 1887; granted privilege leave for two months from September 1st, 1888.

Compiled, in conjunction with Colonel C. Swinhoe, Bo. S. C., a "Catalogue of the Moths of India," Calcutta, 1887-89; is author of two notes on Economic Entomology, namely, (i) "The Wheat and Rice Weevil in India," and (ii) "The experimental introduction of Insecticides into India," and of several Entomological notes published in "Indian Museum Notes."

MR. O. L. FRASER, *2nd Assistant to the Superintendent.*—Joined the Museum as Osteologist or Articulator of Skeletons, and Head Taxidermist, May 10th, 1871; privilege leave from November 24th to December 15th, 1873; privilege leave from August 20th to November 20th, 1879; furlough from October 17th, 1881, to October 16th, 1882; privilege leave from April 14th to July 14th, 1886; privilege leave from 6th May 1889.

Is author of a short paper on a skull of *Rhinoceros sondaicus*, published in the Journal of the Asiatic Society of Bengal.

Assistant Secretary to the Trustees.—Vacant.

MR. T. N. MUKHARJI, F.L.S., *Assistant Curator, Economic and Art Section.*—Entered Government service, 5th May 1868, in the Police Department, Cuttack, Bengal. 1st May 1870, appointed Literary Assistant and Head Clerk to Sir William Hunter, then Compiler of Gazetteers, subsequently Director General of Statistics to the Government of India. 25th March 1875, transferred to the Department of Agriculture and Commerce, North-Western Provinces, where served as Head Assistant, Head Superintendent and Personal Assistant to the Director of the Department until September 1881. 20th September 1881, transferred to Government of India in the Revenue and Agricultural Department. 8th September 1882, appointed "Officer in charge of Indian Exhibits for the Amsterdam Exhibition." March 1883, appointed "Officer in charge of the Exhibition Branch," Revenue and Agricultural Department, Government of India. March 1886, deputed to England in connection with the Colonial and Indian Exhibition. Returned to India, January 1887. Appointed Assistant Curator, Art and Economic Section, 1st April 1887. Deputed to Glasgow on special duty in connection with the Glasgow Exhibition on 8th July 1887. Returned to India 14th October 1887; granted privilege leave for two months from October 17th, 1888.

Author of "A Rough List of Indian Art-ware," "a Descriptive Catalogue of Indian Exhibits sent to the Amsterdam Exhibition," "A Hand-book of Indian Products," compiled a Hand-book to the "Art Manufactures of India," &c., &c.

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